

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF PENNSYLVANIA**

**SLIPPERY ROCK AREA SCHOOL
DISTRICT,**

Plaintiff,

v.

**JUUL LABS, INC.; ALTRIA GROUP, INC.,
ALTRIA CLIENT SERVICES; ALTRIA
GROUP DISTRIBUTION COMPANY;
NU MARK LLC; PHILIP MORRIS USA,
INC., and JOHN DOES 1-100, INCLUSIVE,**

Defendants.

CASE NO. 20-1205

JURY TRIAL DEMANDED

COMPLAINT

I. INTRODUCTION

1. Plaintiff, Slippery Rock Area School District, brings this Complaint against Defendants JUUL Labs, Inc. (“JUUL”); Altria Group, Inc.; Altria Client Services; Altria Group Distribution Company (collectively “Altria Defendants”); Nu Mark LLC; Philip Morris USA, Inc.; and, John Does 1-100 seeking injunctive relief, abatement and damages arising out of the damages incurred as a result of Defendants’ wrongful conduct as more fully set forth herein.

2. Defendants’ marketing strategy, advertising, and product design targets minors, especially school age minors, and has dramatically increased the use of e-cigarettes amongst the student body of the Slippery Rock Area School District. Defendants’ conduct has caused many students to become addicted to Defendants’ e-cigarette products.

3. Plaintiff, and similarly situated school districts in the Commonwealth of Pennsylvania, have redirected significant resources to combat Defendants’ deceptive marketing

scheme, to educate its students on the true dangers of Defendants' e-cigarette products and to prevent the possession and use of Defendants' e-cigarette products on Plaintiffs' property.

I. JURISDICTION AND VENUE

4. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. § 1331 because Plaintiff's racketeering claim arises under the laws of the United States, 18 U.S.C. § 1961 *et seq.*, and pursuant to 28 U.S.C. § 1332(a) because: (i) the amount in controversy exceeds \$75,000, exclusive of interests and cost, and (ii) the plaintiff and defendants are citizens of different states.

5. The Court has personal jurisdiction over Defendants because they do business within the jurisdiction of the United States District Court for the Western District of Pennsylvania and have sufficient minimum contacts with the Western District. Defendants have sufficiently availed themselves to the markets of the Commonwealth of Pennsylvania through their promotion, marketing, and sale of the e-cigarette products at issue in this lawsuit to render this Court's exercise of jurisdiction under Pennsylvania law and the United States Constitution.

6. Slippery Rock Area School District is located in the Western District of Pennsylvania in which district Plaintiff would have filed its case in the absence of direct filing in the MDL IN RE: Juul Labs, Inc., et al., at Case No. 19-md-02913-WHO.

II. PARTIES

7. Plaintiff, Slippery Rock Area School District, ("hereinafter referred to as "School District") is a public school district organized and existing in accordance with the laws of the Commonwealth of Pennsylvania with its geographic boundaries located in the County of Butler, Commonwealth of Pennsylvania which is located within the United States District Court for the Western District of Pennsylvania. The School District educates approximately 1,900 Kindergarten

through 12th-grade students. The School District is composed of Slippery Rock Area High School, Slippery Rock Area Middle School, Slippery Rock Area Elementary School, Moraine Elementary School and Slippery Rock Online Odyssey. The School District administrative offices are located at 201 Kiester Road, Slippery Rock, Pennsylvania 16057. In addition, the School District is one of seven Participating School Districts in the Butler County Area Vocational Technical School.

8. The School District is operated in accordance with the Pennsylvania Public School Code, as amended, *24 P.S. §1-101, et seq.*, which provides for a nine (9) member Board of School Directors with the statutory authority to act on behalf of the School District. The current President of the Board is Ms. Sara Whitman, and the current Superintendent of Schools is Dr. Alfonso Angelucci.

9. The School District's stated mission is "Cultivating Knowledge and Encouraging Independence," which explains the goal is to provide Slippery Rock Area students with the tools necessary to learn to solve problems on their own and become more independent.

10. Defendant JUUL is a Delaware corporation, having its principal place of business in San Francisco, California. JUUL originally operated under the name PAX Labs, Inc. In 2017, it was renamed JUUL Labs, Inc. JUUL manufactures, designs, sells, markets, promotes and distributes JUUL e-cigarettes, JUULpods and accessories throughout the Commonwealth of Pennsylvania and the nation.

11. Defendant Altria Group, Inc. is a Virginia corporation, having its principal place of business in Richmond, Virginia. Altria is one of the world's largest producers and marketers of tobacco products. On December 20, 2018, Altria purchased a 35% stake in JUUL.

12. Defendant Altria Client Services Inc. is a New York corporation and wholly-owned subsidiary of Altria Group, Inc. with its principal place of business in Henrico County, Virginia.

Altria Client Services Inc. provides Altria Group, Inc. and its companies with services in many areas including digital marketing, packaging design & innovation, product development, and safety, health, and environmental affairs. On September 25, 2019, the former senior vice president and chief growth officer of Altria Client Services Inc., K.C. Crosthwaite, became the new chief executive of JUUL.

13. Defendant Altria Group Distribution Company is a Virginia corporation and wholly-owned subsidiary of Altria Group, Inc. with its principal place of business in Henrico County, Virginia. Altria Group Distribution Company provides sales, distribution and consumer engagement services to Altria's tobacco companies.

14. Defendant Nu Mark LLC is a Virginia corporation and wholly-owned subsidiary of Altria Group, Inc., with its principal place of business in Richmond, Virginia. Nu Mark LLC was engaged in the manufacture and sale of Altria's electronic vapor products. Shortly before Altria purchased a 35% stake in JUUL in December 2018, Altria Group, Inc. announced that Nu Mark LLC would be discontinuing the production and sale of all e-vapor products.

15. Defendant, Philip Morris USA, Inc. (Philip Morris), is a wholly-owned subsidiary of Altria. Philip Morris is also a Virginia corporation that has its principal place of business in Richmond, Virginia. Philip Morris is engaged in the manufacture and sale of cigarettes in the United States. Philip Morris is the largest cigarette company in the United States. Marlboro, the principal cigarette brand of Philip Morris, has been the largest selling cigarette brand in the United States for over 40 years.

16. Plaintiff presently lacks information sufficient to specifically identify the true names or capacities, whether individual, corporate, or otherwise, of the Defendants sued herein under the fictitious names DOES 1 through 100 inclusive. Plaintiff will amend this Complaint to show their

true names and capacities if and when they are ascertained. The Plaintiff is informed and believes, and on such information and belief alleges, that each of the Defendants named as a DOE is responsible in some manner for the events and occurrences alleged in this Complaint and is liable for the relief sought herein.

III. ALLEGATIONS OF FACT

A. The Youth Vaping Epidemic and the Rise of JUUL

17. One of the great public health success stories over the past decade has been a reduction in youth tobacco use and in nicotine addiction. Youth smoking rates plummeted from 28% in 2000 to 7.6% in 2017.¹ This success has been the result of years of litigation and strict regulation. It is also due to the widespread and mainstream public health message that smoking kills people – a message that Big Tobacco can no longer dispute or contradict.

18. This incredible progress towards eliminating youth tobacco and nicotine use has now largely been reversed due to e-cigarettes and vaping. Between 2011 and 2015, e-cigarette use among high school and middle school students increased 900%.² Between 2017 and 2018, e-cigarette use increased 78% among high school students, from 11.7% of high school students in 2017 to 20.8% of high schoolers in 2018.³ Among middle school students, e-cigarette use increased 48% between 2017 and 2018.⁴ In 2018, 4.9 million middle and high school students used tobacco products, with 3.6 million of those students using e-cigarettes.⁵ Between 2017 and

¹ Meredith Berkman, *Testimony of Meredith Berkman, Parents Against Vaping E-cigarettes*, U.S. House Committee on Oversight & Reform (July 24, 2019), <https://oversight.house.gov/sites/democrats.oversight.house.gov/files/2019.07.24%20Berkman-PAVe%20Testimony.pdf>.

² Jerome Adams, *Surgeon General's Advisory on E-cigarette Use Among Youth*, Ctrs. for Disease Control & Prevention (Dec. 2018), <https://e-cigarettes.surgeongeneral.gov/documents/surgeon-generals-advisory-on-e-cigarette-use-among-youth-2018.pdf>.

³*Id.*

⁴ 2018 NYTS Data: A startling rise in youth e-cigarette use, U.S. Food & Drug Admin. (Feb. 2, 2019), <https://www.fda.gov/tobacco-products/youth-and-tobacco/2018-nyts-data-startling-rise-youth-e-cigarette-use>.

⁵ *Id.*

2018, the number of youth e-cigarette users increased by 1.5 million.⁶

19. According to the Centers for Disease Control and Prevention (“CDC”) Director Robert Redfield, “The skyrocketing growth of young people’s e-cigarette use over the past year threatens to erase progress made in reducing tobacco use. It’s putting a new generation at risk for nicotine addiction.”⁷ The U.S. Food and Drug Administration (“FDA”) Commissioner Scott Gottlieb described the above statistics as “astonishing” and both the FDA and the U.S. Surgeon General have appropriately characterized youth vaping as an “epidemic.”⁸ The National Institute on Drug Abuse found that the 2018 spike in nicotine vaping was the largest for any substance recorded in 44 years, and Alex Azar, Secretary of the U.S. Department of Health and Human Services declared that “[w]e have never seen use of any substance by America’s young people rise as rapidly as e-cigarette use [is rising].”⁹

20. A major cause of this epidemic is JUUL Labs, Inc., the maker of the JUUL e-cigarette. JUUL entered the e-cigarette market in 2015 and now controls over 70% of it.¹⁰ Over a million JUUL e-cigarettes were sold between 2015 and 2017.¹¹ JUULs are available at over

⁶ *Id.*

⁷ *Texas governor signs law increasing the age to buy tobacco products to 21*, CNN (June 8, 2019), https://m.cnn.com/en/article/h_b4cf0b92fd821251a4ae48df9b717145.

⁸ Angelica LaVito, *FDA chief Gottlieb threatens to pull e-cigarettes off market if ‘astonishing’ surge in teen use doesn’t slow*, CNBC (Nov. 16, 2018), <https://e-cigarettes-off-market.html>; Jayne O’Donnell, *FDA declares youth vaping an epidemic, announces investigation, new enforcement*, USA Today (Sept. 12, 2018), <https://www.usatoday.com/story/news/politics/2018/09/12/fda-scott-gottlieb-youth-vaping-e-cigarettes-epidemic-enforcement/1266923002/>.

⁹ Jan Hoffman, *Study Shows Big Rise in Teen Vaping This Year*, N.Y. Times (Dec. 17, 2018), <https://www.nytimes.com/2018/12/17/health/ecigarettes-teens-nicotine-.html>; Rajiv Bahl, *Teen Use of Flavored Tobacco was Down, But E-Cigarettes Are Bringing It Back Up*, Healthline (Jan. 9, 2019), <https://www.healthline.com/health-news/flavored-tobacco-use-rising-again-among-teens#An-unhealthy-habit>.

¹⁰ Richard Craver, *Juul ends 2018 with 76 percent market share*, Winston-Salem J. (Jan. 8, 2019), https://www.journalnow.com/business/juul-ends-with-percent-market-share/article_6f50f427-19ec-50be-8b0c-d3df18d08759.html

¹¹ Melia Robinson, *How a startup behind the ‘iPhone of vaporizers’ reinvented the e-cigarette and generated \$224 million in sales in a year*, Bus. Insider (Nov. 21, 2017), <https://www.businessinsider.com/juul-e-cigarette-one-million-units-sold-2017-11/>.

12,000 retail stores and online.¹² In 2017, JUUL generated over \$224 million in retail sales, a 621% year-over-year increase.¹³ By June 2018, sales had skyrocketed another 783%, reaching \$942.6 million.¹⁴ The e-cigarette category as a whole grew 97% to \$1.96 billion in the same period, largely based on JUUL's market success.¹⁵ JUUL's dominance of the e-cigarette market has been so rapid, and so complete, that the act of vaping is now referred to as "JUULing."

21. Juul's market dominance has attracted the attention and alarm of government regulators, including the FDA, the U.S. Surgeon General, and the CDC. On February 24, 2018, the FDA sent a letter to JUUL expressing concern about the popularity of its products among youth and demanding that JUUL produce documents regarding its marketing practices.¹⁶ On September 12, 2018, the FDA sent letters to JUUL and other e-cigarette manufacturers putting them on notice that their products were being used by youth at disturbing rates.¹⁷ In October 2018, the FDA raided JUUL's headquarters and seized more than a thousand documents relating to the Company's sales and marketing practices.¹⁸ As of October 2019, the FDA, the Federal Trade Commission, multiple state attorney generals and the U.S. House of Representatives Committee on Oversight and Reform have all commenced investigations into JUUL's role in the youth vaping epidemic and whether JUUL's marketing practices purposefully targeted youth.

22. The decline of cigarette use and the rise of JUUL is far from a coincidence. The

¹² *Id.*

¹³ *Id.*

¹⁴ Angelica LaVito, *Popular e-cigarette Juul's sales have surged almost 800 percent over the past year*, CNBC Health & Sci. (Sept. 11, 2018), <https://www.cnbc.com/2018/07/02/juul-e-cigarette-sales-have-surged-over-the-past-year.html>.

¹⁵ *Id.*

¹⁶ Matthew Holman, *Letter from Director of Office of Science, Center for Tobacco Products, to Zaid Rouag, at JUUL Labs, Inc.*, U.S. Food & Drug Admin. (Apr. 14, 2018), <https://www.fda.gov/media/112339/download>.

¹⁷ *Letter From US FDA to Kevin Burns*, U.S. Food & Drug Admin. (Sept. 12, 2018), <https://www.fda.gov/media/119669/download>.

¹⁸ Laurie McGinley, *FDA seizes Juul e-cigarette documents in surprise inspection of headquarters*, Wash. Post (Oct. 2, 2018), <https://www.washingtonpost.com/health/2018/10/02/fda-seizes-juul-e-cigarette-documents-surprise-inspection-headquarters/>.

Company was founded by Adam Bowen and James Monsees, both product designers by education and experience. Bowen and Monsees met in Stanford University's famed graduate product design program, where the first iteration of JUUL was their final project.¹⁹ Monsees has described the cigarette as "the most successful consumer product of all time . . . an amazing product."²⁰

23. Years of litigation, regulation, and education by public health advocates, the medical community, and elected officials against Big Tobacco had severely tarnished the popularity of cigarettes. Monsees and Bowen thus set out to "deliver[] solutions that refresh the magic and luxury of the tobacco category."²¹ Monsees saw "a huge opportunity for products that speak directly to those consumers who aren't perfectly aligned with traditional tobacco products."²² Seeking to recreate the lost "ritual and elegance that smoking once exemplified," Monsees set out to re-design the cigarette "to meet the needs of people who want to enjoy tobacco but don't self-identify with—or don't necessarily want to be associated with— cigarettes."²³ In essence, the objective of JUUL was to build a newer, more attractive cigarette. One that could addict a new generation of smokers. By design, a cornerstone of the product's commercial success is its addictive nature.

24. JUUL is, in many ways, the paradigmatic start-up. It has all the markings of Silicon Valley success: staggering profit margins, meteoric growth, and status as a cultural phenomenon. The Silicon Valley-savvy company used the framework and ideology of startup

¹⁹ Julia Belluz, *The Vape Company Juul Said It Doesn't Target Teens. Its Early Ads Tell a Different Story*, Vox (Jan. 25, 2019), <https://www.vox.com/2019/1/25/18194953/vape-juul-e-cigarette-marketing>.

²⁰ Gabriel Montoya, *Pax Labs: Origins with James Monsees*, Social Underground, <https://socialunderground.com/2015/01/pax-ploom-origins-future-james-monsees/> (last visited Sept. 7, 2019). ²¹ *Onboardly Interview with Ploom Cofounder and CEO James Monsees*, Pax.com (Apr. 30, 2014), <https://www.pax.com/blogs/press/onboardly>.

²² *Id.*

²³ *Id.*

culture to catapult itself to success by every metric in the startup industry. In 2018, JUUL's gross profit margins were 70%²⁴ and it represented 76.1% of the national e-cigarette market.²⁵ It shattered previous records for reaching decacorn status, reaching valuation of over \$10 billion in a matter of months, or four times faster than Facebook.²⁶ This all came just three years after its product launch.

25. JUUL's staggering commercial success didn't come from a blank slate. Under the Master Settlement Agreement between Big Tobacco and the States, the public has access to hundreds of thousands of Big Tobacco's internal documents. In creating JUUL, Monsees and Bowen carefully studied the marketing strategies, advertisements, and product design of Big Tobacco. As Monsees candidly acknowledged, the internal tobacco documents "became a very intriguing space for us to investigate because we had so much information that you wouldn't normally be able to get in most industries. And we were able to catch-up, right, to a huge, huge industry in no time. And then we started building prototypes."²⁷

26. Some of the Big Tobacco records that Monsees and Bowen reviewed showed documents on how to manipulate nicotine pH to maximize nicotine delivery in a vapor while minimizing the "throat hit" that may potentially deter new smokers. Other records relate to tobacco industry market strategies and advertisements designed to lure non-smoking youth. Monsees and Bowen were able to take advantage of an extensive online tobacco advertising research database maintained by the Stanford Research into the Impact of Tobacco Advertising

²⁴ Dan Primack, *Scoop: The Numbers Behind Juul's Investor Appeal*, Axios (July 2, 2018), <https://www.axios.com/numbers-juul-investor-appeal-vaping-22c0a2f9-beb1-4a48-acee-5da64e3e2f82.html>.

²⁵ Robert K. Jackler et al., *JUUL Advertising Over Its First Three Years on the Market* 2, Stanford Res. into the Impact of Tobacco Advert. (2019) ("Juul Advertising"), http://tobacco.stanford.edu/tobacco_main/publications/JUUL_Marketing_Stanford.pdf.

²⁶ Zack Guzman, *Juul Surpasses Facebook As Fastest Startup to Reach Decacorn Status*, Yahoo! Fin. (Oct. 9, 2019), <https://finance.yahoo.com/news/juul-surpasses-facebook-fastest-startup-reach-decacorn-status-153728892.html>.

²⁷ Montoya, *supra* note 20

(“SRITA”), an inter-disciplinary research group devoted to researching the promotional activities of the tobacco industry. SRITA’s database contains approximately 50,000 original tobacco advertisements. According to Monsees, JUUL’s advertising was informed by traditional tobacco advertisements, and SRITA, in particular, had been very useful to JUUL.²⁸

27. Put simply, the marketing and product design of the JUUL e-cigarette, and its incredible commercial success, are based upon tactics and strategies developed by Big Tobacco. As set forth below, while Big Tobacco was prohibited from employing these tactics and strategies to market traditional cigarettes by virtue of the Master Settlement Agreement and subsequent regulations, nothing prevented JUUL from doing so.

B. Big Tobacco and E-Cigarettes

28. While JUUL revolutionized and dominated the e-cigarette market, it did not create the first one. Prior to JUUL, Big Tobacco—including Altria—was also heavily involved in the manufacture and promotion of e-cigarettes. Altria has been one of the biggest losers in the fight against smoking. Altria estimates that the cigarette industry declined by -4% in 2017 and by - 4.5% in 2018. For 2019 through 2023, Altria estimated for the average annual U.S. cigarette industry volume declines is -4% to -5%.²⁹ Altria later revised this estimate in the second quarter of 2019 from 4-5% to 4-6%, in light of efforts to increase the legal age for cigarette smoking to 21.³⁰

29. In the face of these numbers, Altria turned to e-cigarettes, along with other “non-combustible products,” to “enhance” its business platform.³¹ Altria boasted to shareholders that

²⁸ Jackler, Juul Advertising at p. 27.

²⁹ *Presentation for Altria’s Fourth-Quarter 2018 Earnings Conference Call*, Altria (Jan. 31, 2019), <http://investor.altria.com/Cache/1001247877.PDF?O=PDF&T=&Y=&D=&FID=1001247877&iid=4087349>.

³⁰ *Altria Shares Slide As Cigarette Sales Continue to Decline*, Tobacco Business (July 31, 2019), <https://tobaccobusiness.com/altria-shares-slide-as-cigarette-sales-continue-to-decline/>.

³¹ *Presentation for Altria’s Second-Quarter 2019 Earning Conference Call*, Altria (July 30, 2019),

it “aspire[d] to be the U.S. leader in authorized, non-combustible, reduced-risk products.”³²

30. Altria entered the e-cigarette market with a cigarette-lookalike, or “cigalike,” style of e-cigarette, sold under the brand MarkTen. Following a phased roll-out of MarkTen in Indiana and Arizona in late 2013, Altria launched the MarkTen nationwide in 2014 with an aggressive marketing campaign, eclipsing the advertising expenditures for Imperial Tobacco’s e-vapor product, blu.³³

31. E-cigarette advertising spending for 2014 totaled \$88.1 million, a 52% increase from 2013.³⁴ Of that \$88.1 million spent in 2014, nearly 40% of that was Altria’s MarkTen campaign, at \$35 million.³⁵

32. Altria’s MarkTen advertising tag line, “Let It Glow,” was criticized by public health advocates for playing off Disney’s popular children’s movie “Frozen” and its hit song “Let it Go.”³⁶

33. Even the then-president of R.J. Reynolds Vapor Company, Stephanie Cordisco, criticized Altria for irresponsible marketing, calling this tag line “terrible” and saying that the companies “running the most irresponsible campaigns are the ones who know better.”³⁷ At the time, the president of the Campaign for Tobacco-Free Kids said that companies like Altria were using “exactly the same themes we saw work with kids in the U.S. for decades with cigarettes.”³⁸

34. Although free samples of tobacco products are prohibited under the terms of the

<http://investor.altria.com/Cache/1001255076.PDF?O=PDF&T=&Y=&D=&FID=1001255076&iid=4087349>.

³²*Presentation for Annual Meeting of Shareholders*, Altria (May 17, 2018), <http://investor.altria.com/Cache/1500113050.PDF?O=PDF&T=&Y=&D=&FID=1500113050&iid=4087349>.

³³ Cantrell, Jennifer & Emelle, Brittany & Ganz, Ollie & Hair, Elizabeth & Vallone, Donna. (2015). *Rapid increase in e-cigarette advertising spending as Altria’s MarkTen enters the marketplace*. Tobacco Control. 25. 10.1136/tobaccocontrol-2015-052532

³⁴ *Id.*

³⁵ *Id.*

³⁶ Matt Richtel, *A Bolder Effort by Big Tobacco on E-Cigarettes*, NY TIMES (June 17, 2014), <https://www.nytimes.com/2014/06/17/business/a-bolder-effort-by-big-tobacco-on-e-cigarettes.html>. ³⁷ *Id.*

³⁸ *Id.*

Tobacco MSA as well as FDA regulations issued in 2010, Altria took advantage of the grey area in the regulation of e-cigarettes and distributed coupons for free sample nicotine cartridges as part of its MarkTen launch. (The FDA has since issued finalized guidance clarifying the scope of the ban on distributing free samples or coupons for e-cigarettes or components.)

35. Altria also took full advantage of its distribution network, reaching 60,000 stores in a month.³⁹ In Arizona, for example, Altria's distribution network allowed MarkTen to achieve a 48% e-cigarette market share in just seven weeks after launch, according to then-CEO Marty Barrington's statements on an earnings call.⁴⁰ Altria was clear in its intent to dominate the e-cigarette market as it has the traditional cigarette one: "We are the market leader today and we will continue to be," Barrington told investors.⁴¹

36. Altria began acquiring small companies in the vaping industry, starting in 2014 with Green Smoke, Inc., whose e-cigarettes were also the "cigalike" style.⁴² In 2017, Altria acquired a vape product called Cync, from Vape Forward. Cync is a small vapor device that uses pre-filled pods, similar to JUUL. It also made a minority investment in Avail Vapor, one of the largest vape store chains in the U.S., which also produces and sells its own branded e-liquids for so-called open-system devices, which are refillable.⁴³

37. In February 2018, Altria announced that it would enter the closed-tank market with the MarkTen Elite: "a pod-based product with a premium, sleek battery design" and having the "convenience of prefilled, magnetic click pods." At an analyst conference in February 2018,

³⁹ Melissa Kress, *MarkTen National Rollout Hits 60,000 Stores*, Convenience Store News (July 22, 2014), <https://csnews.com/markten-national-rollout-hits-60000-stores>.

⁴⁰ *Id.*

⁴¹ *Id.*

⁴² Mike Esterl, *Altria To Launch MarkTen E-Cigarette Nationally*, Wall Street Journal (Feb. 19, 2014), <https://www.wsj.com/articles/altria-to-launch-markten-e-cigarette-nationally-1392832378>. ⁴³ Timothy S. Donahue, *At the Forefront*, Tobacco Reporter (Dec. 1, 2017), <https://www.tobaccoreporter.com/2017/12/at-the-forefront/>.

former Altria chief Marty Barrington boasted that the Elite's pods held more than twice as much liquid as JUUL's.⁴⁴

38. Altria quickly followed with another pod-based product, the Apex, by MarkTen.

39. Because e-cigarettes are subject to more relaxed regulation than cigarettes, Altria was able to market its products in ways it could not have done for traditional tobacco products. Altria marketed its e-cigarettes in flavors that would appeal to youth: Strawberry Brulee, Apple Cider, Hazelnut Cream, Spiced Fruit, Piña Colada, Glacier Mint, and Mardi Gras (apparently a mixed berry flavor). Most of these flavors were marketed with the Elite and Apex products, Altria's "pod" e-cigarettes.

40. Altria's push to gain the youth market gained the attention of the FDA. On September 12, 2018, the FDA sent a warning letter to Altria, requesting that Altria respond with a "detailed plan" to address and mitigate the widespread use of its e-cigarette products by minors.⁴⁵ Due to the "epidemic rate of increase in youth use" of e-cigarettes, the FDA had recently conducted an "enforcement blitz" of retailers nationwide and confirmed that Altria's MarkTen products were being sold to minors. The FDA did not mince words, telling Altria that "[t]his is unacceptable, both legally and as a matter of public health." The FDA warned Altria that it has a responsibility to ensure minors are not getting access to its products and that it was "crucial" that manufacturers like Altria take steps to prevent youth from using its products. First and foremost, the FDA asked Altria to "take prompt action to address the rate of youth use of MarkTen products." The FDA suggested that Altria could revise its current marketing practices,

⁴⁴ Marty Barrington, *Remarks by Marty Barrington, Altria Group, Inc.'s (Altria) Chairman, Chief Executive Officer (CEO) and President, and other members of Altria's senior management team*, US SEC (Feb. 21, 2018), <https://www.sec.gov/Archives/edgar/data/764180/000076418018000020/exhibit992-2018cagnyremarks.htm>.

⁴⁵ Scott Gottlieb, *Letter to Altria Client Services*, U.S. Food and Drug Admin. (Sep. 12, 2018), <https://www.fda.gov/media/119666/download>.

eliminate online sales, and remove flavored products from the market. The FDA's expectation and motivation was clear: "steps must be taken to protect the nation's young people."

41. On October 25, 2018, Altria responded to the FDA, claiming to have "serious concerns" about youth access to e-vapor products.⁴⁶ It admitted that the use of e-cigarettes by youth had risen to "epidemic levels." In response, Altria agreed to remove its pod-based e- cigarettes from the market and stop selling any flavored traditional e-cigarettes other than tobacco, menthol, and mint. It acknowledged that "[b]ased on publicly-available information from FDA and others, we believe pod-based products significantly contribute to the rise in youth use of e-vapor products. We don't believe our products are the issue, but we don't want to risk contributing to the problem." Altria's letter went on to disclaim a numerous of practices that it associated with marketing to youth strategies that were key components of JUUL's marketing strategy. Altria specifically identified the use of flavors that go beyond traditional tobacco flavors, digitally advertising on websites with a large percentage of youth visitors, using social media to promote the brand, allowing online purchases and promotional sign-ups without age verification, advertising e-cigarettes on billboards, advertising with models who appear to be under 25 years old, distributing branded merchandise, and paying celebrities or other third parties to market or use a particular brand's e-cigarette. Altria also claimed to support "banning vaping in schools" in order to reduce "social access." Altria ended the letter by committing to "reverse the current use trend among youth."

42. Less than two months later, Altria changed its tune. On December 20, 2018, Altria announced that it would be making a \$12.8 billion dollar investment in JUUL, the biggest equity

⁴⁶ Howard A. Willard, *Letter to Scott Gottlieb, Commissioner, Altria* (Oct. 25, 2018), <http://www.altria.com/About-Altria/Federal-Regulation-of-Tobacco/Regulatory-Filing/FDAFilings/Altria-Response-to-FDA-E-vapor-October-25-2018.pdf>.

investment in United States history.⁴⁷ The deal gave Altria a 35% stake in JUUL.

C. JUUL and Altria Join Forces to Protect JUUL's Market Share

43. By the fall of 2018, JUUL was under intense scrutiny. A group of eleven United States senators wrote JUUL's CEO, Kevin Burns, a letter in April 2018, declaring that the JUUL device and JUULpods "are undermining our nation's efforts to reduce tobacco use among youth and putting an entire new generation of children at risk of nicotine addiction and other health consequences."⁴⁸ Less than a week later, then FDA Commissioner Gottlieb announced a crackdown on retailers to limit youth access to e-cigarettes and enforcement actions against JUUL in particular.⁴⁹ At the same time, the FDA sent JUUL a request for documents relating to marketing, product design, and public health impact.⁵⁰ In July 2018, Massachusetts Attorney General Maura Healey announced an investigation into JUUL regarding marketing and sale to minors.⁵¹ In September 2018, FDA Commissioner Gottlieb called youth vaping an "epidemic" and sent letters to JUUL, Altria, and other e-cigarette manufacturers demanding a plan to reduce youth use.⁵² Then, in October 2018, as alleged above, the FDA raided JUUL's headquarters and seized more than a thousand documents relating to JUUL's sales and marketing practices.⁵³

⁴⁷ Cromwell Schubarth, *Vaping Unicorn Juul Opens Lab in Mountain View Amid Furor in S.F.*, Silicon Valley Bus. J. (Feb. 5, 2019), <https://www.bizjournals.com/sanjose/news/2019/02/05/juul-opens-lab-in-mountain-view.html>.

⁴⁸ Richard Durbin et al., *Letter from 11 U.S. Senators, to Kevin Burns, CEO of JUUL Labs, Inc.*, United States Senate (April 18, 2018), <https://www.durbin.senate.gov/imo/media/doc/JUUL%20Letter%20-%20S%20IGNED.pdf>.

⁴⁹ Scott Gottlieb, Statement from FDA Commissioner Scott Gottlieb, M.D., on new enforcement actions and a Youth Tobacco Prevention Plan to stop youth use of, and access to, JUUL and other e-cigarettes (April 23, 2018), https://www.fda.gov/news-events/press-announcements/statement-fda-commissioner-scott-gottlieb-md-new-enforcement-actions-and-youth-tobacco-prevention?utm_campaign=04242018+Statement+Youth%20Tobacco%20Prevention&utm_medium=email&utm_source=Eloqua.

⁵⁰ *Id.*

⁵¹ Press Release, Office of Attorney General Maura Healey, AG Healey Announces Investigation into JUUL, Other Online E-Cigarette Retailers Over Marketing and Sale to Minors (July 24, 2018), <https://www.mass.gov/news/ag-healey-announces-investigation-into-juul-other-online-e-cigarette-retailers-over-marketing>.

⁵² See <https://www.fda.gov/tobacco-products/rules-regulations-and-guidance/ctp-letters-industry#youth-access>

⁵³ See *Letter From US FDA to Kevin Burns*, *supra* note 19.

44. On November 13, 2018, JUUL responded with an “Action Plan,” declaring its intent to stop selling certain flavors in brick-and-mortar stores, restrict purchases of those flavors on the JUUL website to adults age 21 and over, and shut down its social media accounts.⁵⁴

45. As the pressure on JUUL intensified, Altria stepped in to assist. Despite the clear criticism of JUUL’s conduct in its October 25th letter to the FDA, Altria announced its \$12.8 billion investment in JUUL on December 20, 2018.⁵⁵ Altria characterized its investment as one intended to “accelerate harm reduction and drive growth.”⁵⁶ In an investor presentation in 2019, Altria described JUUL as having a “unique and compelling product.”⁵⁷

46. But as the president of the Campaign for Tobacco-Free Kids observed upon announcement of the deal, “Altria has no interest in seriously reducing the number of people who smoke cigarettes.”⁵⁸

47. Altria would not have made such an investment if it did not intend to grow JUUL’s already enormous market even more. In fact, Altria said as much when announcing its investment, explaining that its investment in JUUL “enhances future growth prospects” and committing to applying “its logistics and distribution experience to help JUUL expand its reach and efficiency.”⁵⁹ Since the deal was inked in December 2018, Altria’s actions have clearly helped JUUL maintain, if not expand, its market share—a market share that, based on Altria’s own October 25, 2018 letter to the FDA, it believes was gained by employing marketing and

⁵⁴ <https://newsroom.juul.com/juul-labs-action-plan/>

⁵⁵ <https://www.businesswire.com/news/home/20181220005318/en/Altria-12.8-Billion-Minority-Investment-JUUL-Accelerate>

⁵⁶ *Id.*

⁵⁷ Altria Group, Inc. 2019 CAGNY Investor Presentation Available at <http://investor.altria.com/Cache/1500117496.PDF?O=PDF&T=&Y=&D=&FID=1500117496&iid=4087349>

⁵⁸ <https://www.nytimes.com/2018/12/20/health/juul-reaches-deal-with-tobacco-giant-altria.html>

⁵⁹ *Altria Makes \$12.8 Billion Minority Investment in JUUL to Accelerate Harm Reduction and Drive Growth*, BusinessWire (Dec. 20, 2018), <https://www.businesswire.com/news/home/20181220005318/en/Altria-12.8-Billion-Minority-Investment-JUUL-Accelerate>.

advertising practices that contributed to youth vaping. Altria's Second Quarter 2019 Earnings Call reported that JUUL continued to grow in the first half of 2019, from a 33% category share in 2018 to 48% by the second quarter 2019. JUUL's expected revenue for 2019 is \$3.4 billion, nearly triple what it was in 2018.⁶⁰

48. From JUUL's beginnings, Altria had "followed Juul's journey rather closely."⁶¹ Altria Chairman and CEO Howard Willard said that, for years, his company "watched Juul carefully to see if it had staying power."⁶² Altria decided it did. As Willard explained: "During 2018, we concluded that JUUL had not only become the retail share leader in the U.S. e-vapor category, but that no other brand was close to it in share or future growth potential."⁶³ This was enough for Altria, one of the world's largest producers and marketers of tobacco products, to call JUUL's alleged smoking cessation device a "terrific product" and take a 35% stake in the Company with its \$12.8 billion investment.⁶⁴ With this investment, Altria now owns both the number one youth initiation cigarette in the United States (the Marlboro cigarette) and the number one youth initiation e-cigarette in the United States, JUUL.

49. Notwithstanding Altria's statements to the FDA just two months previously about its concerns that JUUL was marketing and advertising its products in a way that contributed to the youth vaping epidemic, Willard stated that the deal would allow Altria to "work[] with JUUL to accelerate its mission."⁶⁵ Altria committed to applying "its logistics and distribution experience

⁶⁰ Olivia Zaleski & Ellen Huet, *Juul Expects Skyrocketing Sales of \$3.4 Billion, Despite Flavored Vape Restrictions*, Bloomberg (Feb. 22, 2019), <https://www.bloomberg.com/news/articles/2019-02-22/juul-expects-skyrocketing-sales-of-3-4-billion-despite-flavored-vape-ban>.

⁶¹ Altria Group, Inc., Current Report (Form 8-K), Ex. 99.1 (Feb. 20, 2019), <https://www.sec.gov/Archives/edgar/data/764180/000076418019000018/exhibit991-2019cagnyremarks.htm> at 4.

⁶² *Id.* at 4.

⁶³ *Id.* at 4.

⁶⁴ Angelica LaVito, *E-Cigarette Sales Are Booming Thanks to Juul*, CNBC (Aug. 21, 2018), <https://www.cnbc.com/2018/08/21/e-cigarette-sales-are-booming-thanks-to-juul.html>.

⁶⁵ *Altria Makes \$12.8 Billion Minority Investment in JUUL to Accelerate Harm Reduction and Drive Growth*,

to help JUUL expand its reach and efficiency” and offering JUUL the support of “Altria’s sales organization, which covers approximately 230,000 retail locations.” It also gave JUUL access to its “premier” retail shelf space while allowing it to continue to sell its flavored products online and provided JUUL with access to the databases of all of Altria’s companies. According to Willard, Altria was “excited to support JUUL’s highly-talented team and offer [Altria’s] best-in-class services to build on their tremendous success.” Altria admitted that minors were using JUUL products and that “underage use of e-cigarette product is a problem.” Nevertheless, that it believed its investment in JUUL “strengthens its financial profile and enhances future growth prospects.”

50. Altria’s decision to prioritize profits over the dangers of youth vaping did not go unnoticed. On February 6, 2019, former FDA Commissioner Scott Gottlieb, sent Altria another letter “regarding representations” made by Altria acknowledging that it “has an obligation to take action to help address the mounting epidemic of youth addiction to tobacco products.”⁶⁶ Commissioner Gottlieb told Altria that its recent purchase of a 35% ownership of JUUL “contradict[s] the commitments you made to the FDA.” The FDA demanded Altria be prepared to explain itself regarding its “plans to stop marketing e-cigarettes and to address the crisis of youth use of e-cigarettes.” Commissioner Gottlieb told Altria that “deeply concerning data” shows that “youth use of JUUL represents a significant proportion of overall use of e-cigarette products by children” and despite any steps the companies had taken to address the issue he “ha[d] no reason to believe these youth patterns of use are abating in the near term, and they certainly do not appear to be reversing.”

BusinessWire (Dec. 20, 2018), <https://www.businesswire.com/news/home/20181220005318/en/Altria-12.8-Billion-Minority-Investment-JUUL-Accelerate>.

⁶⁶ Scott Gottlieb, *Letter to Howard Willard*, U.S. Food and Drug Admin. (Feb. 6, 2019), <https://www.fda.gov/media/122589/download>.

51. The companies met with Gottlieb in March 2019 in a meeting the Commissioner described as “difficult.”⁶⁷ Gottlieb “did not come away with any evidence that public health concerns drove Altria’s decision to invest in JUUL, and instead sa[id] it looks like a business decision.” Just a few weeks later, Gottlieb resigned his position.

52. As mentioned above, Altria’s investment in JUUL is not only a financial contribution. Altria is working to actively help run JUUL’s operations and expand JUUL’s sales. Altria’s investment brings legal and regulatory benefits to JUUL, by helping with patent infringement battles and consumer health claims and helping to navigate the regulatory waters and FDA pressure. Altria also brings lobbying muscle. In addition, Altria’s arrangement with JUUL gives JUUL greater access to retail. JUUL has been in 90,000 US retail outlets, while Altria reaches 230,000 US outlets. Altria brings its logistics and distribution experience. Importantly, Altria gives JUUL access to shelf space—and not just shelf space, but space near Altria products and retail displays. The arrangement allows JUUL’s tobacco and menthol-based products to receive prominent placement alongside a top-rated brand of combustible cigarettes.

53. Altria is closely intertwined with JUUL. Not only does Altria’s investment also allow it to appoint a third of JUUL’s board, but in the last month, JUUL’s CEO resigned to be replaced by a career Altria executive, K.C. Crosthwaite. Crosthwaite had most recently served as the vice president and chief growth officer of Altria Client Services LLC, overseeing the company’s work, including digital marketing, packaging design & innovation, product development, and safety, health, and environmental affairs. Crosthwaite is a career Altria executive who knows Big Tobacco’s playbook all too well, having previously served as the

⁶⁷ Kate Rooney and Angelica LaVito, *Altria shares fall after FDA’s Gottlieb describes ‘difficult’ meeting on Juul*, CNBC (Mar. 19, 2019), <https://www.cnbc.com/2019/03/19/altria-shares-fall-after-fdas-gottlieb-describes-difficult-meeting-on-juul.html>.

president and CEO of Phillip Morris USA, the vice president and general manager at Marlboro, and the vice president of strategy and business development of at Altria Client Services LLC.

54. This arrangement was profitable for both companies. JUUL employees received \$2 billion in bonuses, which, split among the Company's 1,500 employees, was approximately \$1.3 million per employee,⁶⁸ and Altria received millions of teen customers.

55. JUUL claims its mission is to "improve the lives of the world's one billion adult smokers by eliminating cigarettes" and its advertising now encourages "making the switch."⁶⁹ Similarly, Altria's CEO Howard Willard claimed that it invested in JUUL to help "switching adult smokers" and "reduce harm."⁷⁰ But JUUL does not have FDA approval as a cessation device. This may be because, as one Company engineer said: "We don't think a lot about addiction here because we're not trying to design a cessation product at all ... anything about health is not on our mind."⁷¹

56. JUUL also does not have authority to claim that its product is healthier than cigarettes. On September 9, 2019, the FDA warned JUUL that has it violated federal law by making unauthorized representations that JUUL products are safer than cigarettes.⁷²

57. Moreover, even if JUUL were to obtain FDA approval as a legitimate smoking cessation device, this has no impact—and certainly does not excuse—the Defendants' conduct that targets youth. Regardless of the potential health benefits to chain smokers from switching to

⁶⁸ Olivia Zaleski, *Juul Employees to Get \$2 Billion Bonus in Altria Deal*, Bloomberg (Dec. 20, 2018), <https://www.bloomberg.com/news/articles/2018-12-20/juul-employees-said-to-get-2-billion-bonus-in-altria-deal>. ⁶⁹ *Our Mission*, JUUL Labs (2019), <https://www.juul.com/mission-values>.

⁷⁰ *Altria Makes \$12.8 Billion Minority Investment in JUUL to Accelerate Harm Reduction and Drive Growth*, BusinessWire (Dec. 20, 2018), <https://www.businesswire.com/news/home/20181220005318/en/Altria-12.8-Billion-Minority-Investment-JUUL-Accelerate>.

⁷¹ Nitasha Tikku, *Startup Behind the Lambo of Vaporizers Just Launched an Intelligent e-Cigarette*, The Verge (Apr. 21, 2015), <https://www.theverge.com/2015/4/21/8458629/pax-labs-e-cigarette-juul>.

⁷² *Juul Labs, Inc. Warning Letter*, U.S. Food and Drug Admin. (Sept. 9, 2019), <https://www.fda.gov/inspections-compliance-enforcement-and-criminal-investigations/warning-letters/juul-labs-inc-590950-09092019>.

vaping from smoking, there is no benefit to kids from starting to vape.

58. To be clear, a key part of revenue growth like JUUL's is addicting youth to nicotine, as the tobacco industry has long known. Beginning in the 1950s, JUUL's now corporate affiliate, Philip Morris, intentionally marketed cigarettes to young people under the age of 21 to recruit "replacement smokers" to ensure the economic future of the tobacco industry.⁷³ Philip Morris knew that youth smoking was essential to the tobacco industry's success and longevity, as an internal Philip Morris document makes clear: "It is important to know as much as possible about teenage smoking patterns and attitudes. Today's teenager is tomorrow's potential regular customer, and the overwhelming majority of smokers first begin to smoke while still in their teens."⁷⁴ For this reason, tobacco companies focused on the 14-24 year-old age group, because "young smokers have been the critical factor in the growth" of tobacco companies and the 14-18 year-old group is an increasing segment of the smoking population.⁷⁵ As the Vice-President of Marketing at R.J. Reynolds Tobacco Company ["RJR"] explained in 1974, the "young adult market . . . represent[s] tomorrow's cigarette business. As this 14-24 age group matures, they will account for a key share of the total cigarette volume—for at least the next 25 years."⁷⁶ RJR's now-infamous Joe Camel "ambassador of Cool" advertising campaign, which ran from 1988 through 1997, exemplifies the importance the tobacco industry placed on hooking young smokers early.⁷⁷

D. The Secret to JUUL's Success: Hooking Kids

⁷³ Amended Final Opinion at 972, *U.S. v. Philip Morris*, No. 99-cv-2496 (D.D.C. Aug. 17, 2006).

⁷⁴ *Tobacco Company Quotes on Marketing to Kids*, Campaign for Tobacco-Free Kids (May 14, 2001), <https://www.tobaccofreekids.org/assets/factsheets/0114.pdf>.

⁷⁵ *Id.*

⁷⁶ C.A. Tucker, *Marketing Plans Presentation to RJR B of D*, Truth Tobacco Industry Documents, U. of S.F. (Sept. 30, 1974), <https://www.industrydocumentslibrary.ucsf.edu/tobacco/docs/#id=ypmw0091>.

⁷⁷ *Joe Camel: Character of the Year Advertisement*, Stanford U. Res. into the Impact of Tobacco Advert. (1990), http://tobacco.stanford.edu/tobacco_main/images.php?token2=fm_st138.php&token1=fm_img4072.php&theme_file=fm_mt015.php&theme_name=Targeting%20Teens&subtheme_name=Joe%20Camel.

59. It is clear that JUUL, like Philip Morris and RJR before it, targeted youth as a key business demographic. A recent study showed that 15-17 year-olds are *16 times* more likely to use JUUL than 25-34 year-olds.⁷⁸

60. Indeed, JUUL was well aware from the beginning that its products would appeal to youth. A former JUUL manager, who spoke to *The New York Times* on the condition that his name not be used because he worried about facing the ire of the company, said that within months of JUUL's 2015 introduction, it became evident that teenagers were either buying JUULs online or finding others who made the purchases for them. Some people bought more JUUL kits on the company's website than they could individually use—sometimes 10 or more devices at a time. “First, they just knew it was being bought for resale,” said the former senior manager, who was briefed on the company's business strategy. “Then, when they saw the social media, in fall and winter of 2015, they suspected it was teens.”⁷⁹

61. This “suspicion” has been confirmed by the U.S. Surgeon General, who found that JUUL's Twitter account was being followed by adolescents and that 25% of those retweeting official JUUL tweets were under 18 years old.⁸⁰

62. Because of Big Tobacco's demonstrated effectiveness at addicting youth to nicotine, cigarette manufacturers operate under tight restrictions regarding their advertising and marketing activities. By way of example, cigarette companies may not:

- A. use outdoor advertising such as billboards;
- B. sponsor events;

⁷⁸ D.M. Vallone et al., *Prevalence and correlates of Juul use among a national sample of youth and young adults*, Tobacco Control (Oct. 29, 2018), <http://dx.doi.org/10.1136/tobaccocontrol-2018-054693>.

⁷⁹ Matt Richtel & Sheila Kaplan, *Did Juul Lure Teenagers and Get ‘Customers for Life’?* N.Y. Times (Aug. 27, 2019), <https://www.nytimes.com/2018/08/27/science/juul-vaping-teen-marketing.html>.

⁸⁰ Adams, *supra* note 2.

- C. give free samples;
- D. pay any person to “use, display, make reference to or use as a prop any Tobacco Product, Tobacco Product package . . . in any “Media;”
- E. pay any third party to conduct any activity which the tobacco manufacturer is prohibited from doing; or
- F. sell “flavored” cigarettes.

63. All of these above activities were prohibited because of their effectiveness at appealing to youth. As described below, all of these activities figured prominently in JUUL’s marketing campaign.

64. According to Dr. Robert Jackler, an otolaryngologist and professor at Stanford University School of Medicine and principal investigator for SRITA, JUUL’s initial marketing was “patently youth oriented.”⁸¹ The JUUL’s 2015 ad campaign, called “Vaporized” was designed to create a “cult-like following.”⁸² Its imagery featured a vivid color scheme and models in their twenties in poses that researchers note are evocative of behaviors more characteristic of underage teens than mature adults.⁸³ Dr. Jackler and his colleagues found it “clear” that this image resonated with underage teens who aspire to emulate trendsetting young adults.⁸⁴

65. Tobacco advertisers have long understood that teens are attracted to such imagery. The Vaporized campaign was featured on the front page of VICE magazine, “the #1 youth media company in the world.”⁸⁵ In the summer of 2015, an animated series of Vaporized billboards, with the campaign’s youth-appealing imagery, were displayed in New York’s Times Square.⁸⁶

⁸¹ Robert K. Jackler, *The Role of the Company in the Juul Teen Epidemic, Testimony of Robert Jackler before the House Subcommittee on Economic and Consumer Policy* (July 24, 2019), <https://oversight.house.gov/sites/democrats.oversight.house.gov/files/2019.07.24%20Jackler%20Testimony.pdf>

at 2 (“Jackler Testimony”).

⁸² *Id.* at 4.

⁸³ Jackler et al., *supra* note 25.

⁸⁴ *Id.* at 7.

⁸⁵ *Id.* at 5

⁸⁶ *Id.*

66. Over the first year after JUUL launched its ad campaign in June 2015, it held a series of at least 50 highly stylized parties, typically with rock music entertainment, in cities across the United States.⁸⁷ Thousands of young people were given free nicotine-filled JUULpods (appropriately named “JUUL starter kits”), and JUUL posted photos of various young people enthusiastically puffing on JUULs across their social media channels.⁸⁸ JUUL also featured popular stars such as Katy Perry holding a JUUL at the Golden Globes.⁸⁹

67. JUUL knew these images would be successful in achieving this result because it intentionally crafted them to mimic specific traditional tobacco advertisements that Big Tobacco had used to target teens. In fact, many of JUUL’s ads are nearly identical to old cigarette ads that were designed to get teens to smoke. Like its Big Tobacco predecessors, the focus of Juul’s initial marketing was on colorful ad campaigns using eye-catching designs and youth-oriented imagery with themes of being cool, carefree, stylish, attractive, sexy, and popular—unusual themes and images if one’s objective is to promote an adult’s only smoking cessation device.

68. JUUL used Big Tobacco’s advertising imagery, but coupled it with a modern, state-of-the-art marketing campaign designed to target youth. It relied heavily on social media, crafting a powerful online presence, which persists even after JUUL deleted its accounts in the face of mounting public scrutiny. JUUL was particularly active on Instagram, which is the most popular social media site among teens.⁹⁰ JUUL cultivated hashtags, allowing the Company to blend its ads in with wide range of user content, increasing exposure while concealing the commercial nature of the content.⁹¹ JUUL then used hashtags to reinforce the themes it crafted

⁸⁷ *Id.* at 3.

⁸⁸ *Id.*

⁸⁹ *Jackler Testimony* at 8.

⁹⁰ Jackler et al., *supra* note 25.

⁹¹ *Id.* at 23

in its product design, like #style, #technology, #smart, and #gadget. JUUL's hashtags attracted an enormous community of youthful posts on a wide array of subjects. According to Dr. Jackler, #Juul contains literally thousands of juvenile postings, and numerous Instagram hashtags contain the JUUL brand name.⁹² Even after JUUL halted its own social media posts in November 2018, viral peer-to-peer promotion among teens insured continued corporate and product visibility among youth.⁹³ In fact, community posts about JUUL increased after JUUL itself quit social media in the Fall of 2018. Prior to November 2018, over a quarter of a million posts appeared. In the eight months *after* JUUL halted its promotional postings, the rate of community postings increased significantly, resulting in the number of posts doubling to over half a million.⁹⁴

69. JUUL also paid social media influencers to post photos of themselves with JUUL devices and to use the hashtags that it was cultivating.⁹⁵ JUUL entered a contract with an advertising agency specifically to identify and recruit social media influencers that had at least 30,000 followers to, according to an internal JUUL email, “establish a network of creatives to leverage as loyalists” for the JUUL brand.⁹⁶ One such influencer was Christina Zayas, whom JUUL paid \$1,000 for just one blog post and one Instagram post in the Fall of 2017.⁹⁷

70. JUUL instituted an “affiliate program” to recruit those who authored favorable reviews of its products by providing such reviewers with a 20% discount of purchases of JUUL products.⁹⁸ It even recruited JUUL users to act as part of their marketing team by asking users to

⁹² Jackler Testimony at 10.

⁹³ *Id.* at 11.

⁹⁴ *Id.*

⁹⁵ Jackler et al., *Juul Advertising Over Its First Three Years On The Market*, Stanford Res. into the Impact of Tobacco Advert. (Jan. 31, 2019), *supra* note 25.

⁹⁶ Kenrick Cai, *Juul Funded High Schools, Recruited Social Media Influencers To Reach Youth, House Panel Charges*, Forbes (July 25, 2019), <https://www.forbes.com/sites/kenrickcai/2019/07/25/juul-high-schools-influencers-reach-youth-house-investigation/#57735a4a33e2>.

⁹⁷ Michael Nedelman et al., *#Juul: How social media hyped nicotine for a new generation*, CNN Health (Dec.19,2018), <https://www.cnn.com/2018/12/17/health/juul-social-media-influencers/index.html>.

⁹⁸ *Id.* at 9-10.

“refer a friend and get a discount.”⁹⁹

71. Such tactics masked what were, in fact, JUUL advertisements as user content, further increasing exposure and ultimately solidifying the company in teen pop culture as a form of cultural currency. JUUL’s strategy was so successful in embedding its products into pop culture that it entered the vernacular as a verb. The JUUL device and the term “juuling” are so pervasive that JUUL effectively eliminated not only competitors, but also any potentially alarming terms like “smoking” or “e-cigarette,” which could alert users of the true nature of the device or activity. A recent study found that 63% of adolescent JUUL users did not know that JUULpods contain nicotine.¹⁰⁰ This has worked to JUUL’s advantage and was, in fact, a deliberate part of the its strategy. In the first year after its launch, not one of JUUL’s 171 promotional emails said anything about nicotine content,¹⁰¹ and the it did not include nicotine warnings on the JUUL packaging until August 2018, when it was forced to do so.

72. The design of JUUL’s product is also acutely attractive to youth. Unlike most of its predecessors, JUUL looks nothing like a cigarette. Instead, JUUL is sleek and linear and seems like the latest tech invention. This is not surprising, given the founders’ Silicon Valley product design education and training. The evocation of technology makes JUUL device familiar and desirable to the younger tech-savvy generation, particularly teenagers. The JUUL device even has features reminiscent of youth-oriented tech culture and gaming, like “secret” features users can unlock, such as making the indicator light flash rainbow colors in “party mode.” JUUL has been so successful in emulating technology that the small, rectangular devices are often mistaken

⁹⁹ *Id.* at 9.

¹⁰⁰ *Juul e-Cigarettes Gain Popularity Among youth, But Awareness of Nicotine Presence Remains Low*, Truth Initiative (Apr. 18, 2018), <https://truthinitiative.org/sites/default/files/media/files/2019/03/JUUL-E-cigarettes-Gain-Popularity-Among-Youth-But-Awareness-of-Nicotine-Presence-Remains-Low.pdf>.

¹⁰¹ Jackler et al., *supra* note 25 at 25.

for—or passed off as—flash drives.

73. The ability to conceal a JUUL is also part of the appeal for adolescents. The devices are small and slim, so they fit easily in a closed hand or a pocket. The ease and simplicity of use—there is nothing to light or unwrap, not even an on-off switch—also make it possible to covertly use a JUUL behind a turned back, which has become a trend in many schools. Finding new ways to hide the ever-concealable JUUL has spawned products designed just for that purpose, such as apparel that allows the wearer to use the device while it is concealed in the drawstring of a hoodie or the strap of a backpack.¹⁰²

74. JUUL also created special flavors that make its addictive, high-tech device even more attractive to adolescents. Tobacco companies have known for decades that flavored products are key to nicotine adoption by youth. A 1972 Brown & Williamson memorandum: “Youth Cigarette – New Concepts,” specifically noted the “well known fact that teenagers like sweet products.”¹⁰³ A 1979 Lorillard memorandum concluded that younger customers would be “attracted to products with ‘less tobacco taste,’” and even proposed borrowing data from the “Life Savers” candy company to determine which flavors enjoyed the widest appeal among youth.¹⁰⁴ According to 2004 data, 17 year old smokers were more than three times likely as those over 25 to smoke flavored cigarettes and viewed flavored cigarettes as safer.¹⁰⁵ For this reason, in 2009 the FDA banned flavored cigarettes pursuant to its new authority under the Family Smoking Prevention and Tobacco Control Act of 2009. In announcing the ban, FDA Commissioner Dr. Margaret Hamburg declared that “flavored cigarettes are a gateway for many children and young

¹⁰² Evie Blad, ‘Juuling’ and Teenagers: 3 Things Principals and Teachers Need to Know, Educ. Wk. (July 18, 2018), <https://www.edweek.org/ew/articles/2018/07/18/juuling-and-teenagers-3-things-principals-and.html>.

¹⁰³ September 1972 memorandum to Brown & Williamson from Marketing Innovations, “Youth Cigarette - New Concepts.” Bates No. 170042014.

¹⁰⁴ Lorillard memo on sale of Newport cigarettes, 1978 Bates No. 03537131-03537132 EXHIBIT101. ¹⁰⁵ Gardiner Harris, *Flavors Banned From Cigarettes to Deter Youth*, N.Y. Times (Sept. 22, 2009) <https://www.nytimes.com/2009/09/23/health/policy/23fda.html>.

adults to become regulator smokers.”¹⁰⁶

75. There is no reason to believe that flavors play any different role with respect to e-cigarettes and youth. In fact, a 2017 study of the cigarette flavor ban found that the ban was effective in lowering the number of smokers and the amount smoked by smokers, though it was associated with an increased use of menthol cigarettes (the only flavor still available).¹⁰⁷ According to the Surgeon General, 85% of adolescents who use e-cigarettes use flavored varieties.¹⁰⁸ Studies also show that flavors motivate e-cigarette initiation among youth,¹⁰⁹ and that youth are much more likely to use flavored tobacco products than adults are.¹¹⁰ In fact, in September 2019, the State of Michigan banned flavored e-cigarettes, a step the governor said was needed to protect young people from the potentially harmful effects of vaping, Governor Andrew Cuomo of New York announced that he would pursue emergency regulations to ban the sale of flavored e-cigarettes, and Governor Jay Inslee of Washington State ordered the Washington State Department of Health to ban all flavored vapor products.^{111,112} Despite JUUL’s claims that its

¹⁰⁶ *Id.*

¹⁰⁷ <https://tobacco.ucsf.edu/more-evidence-support-eliminating-flavors-reduce-youth-cigarette-and-e-cigarette-use>; referencing Courtemanche, Charles J. et al. Influence of the Flavored Cigarette Ban on Adolescent Tobacco Use, *American Journal of Preventive Medicine* 2017; 52(5):e139 - e146; and MB. Harrell, et al. Flavored e-cigarette use: Characterizing youth, young adult, and adult users. *Prev Med Rep.* 2017; 5: 33–40. Published online 2016 Nov 11. doi: 10.1016/j.pmedr.2016.11.001 PMID: PMC5121224.

¹⁰⁸ E-Cigarette Use Among Youth and Young Adults, U.S. Dept. of Health and Human Services (2016), <https://www.ctclearinghouse.org/Customer-Content/www/topics/2444-E-Cigarette-Use-Among-Youth-And-Young-Adults.pdf> (accessed Oct. 4, 2019).

¹⁰⁹ Karl Paul, *Flavored Vapes Lure Teens Into Smoking and Nicotine Addiction, Study Shows*, MarketWatch (Feb.26, 2019), <https://www.marketwatch.com/story/flavored-vapes-lure-teens-into-smoking-and-nicotine-addiction-study-shows-2019-02-25>.

¹¹⁰ AC Villanti et al., *Flavored Tobacco Product Use in Youth and Adults: Findings From the First Wave of the PATH Study*, 53 *Am. J. of Preventative Med.* 139 (2017), <https://www.ncbi.nlm.nih.gov/pubmed/28318902>.

¹¹¹ Jesse McKinley & Christina Goldbaum, *New York Moves to Ban Flavored E-Cigarettes by Emergency Order*, *N.Y. Times* (Sept. 15, 2019), <https://www.nytimes.com/2019/09/15/nyregion/vaping-ban-ny.html?smid=nytcore-ios-share>.

¹¹² https://www.governor.wa.gov/sites/default/files/19-03%20-%20Addressing%20the%20Vaping%20Public%20Health%20Crisis%20%28tmp%29.pdf?utm_medium=email&utm_source=govdelivery.

target market is adult smokers, the Company entered the market with flavors like Cool Mint, Crème Brulee, Fruit Medley, Cucumber, and Mango. These flavors were the reason countless adolescents started using JUUL products.

76. The flavors pose dangers beyond luring young people into trying nicotine. Studies now show these sweet and fruity flavors present distinct additional health hazards. Researchers have found that some of the chemicals JUUL uses for flavor and perfume—particularly in the Crème Brulee flavor—contain relatively high levels of acetals.¹¹³ Acetals are airway-irritating chemicals that may cause lung damage.¹¹⁴ Dr. Robert Jackler said that test results have shown that JUUL’s sweet and fruity flavors “contribute[] to the increasing body of evidence documenting toxicological effects of e-cig vapor.”¹¹⁵

E. The Cost of JUUL’s Success

77. In addition to designing its devices to be particularly attractive to youth, JUUL designed its devices to be highly addictive. Unlike most other e-cigarettes, which use freebase nicotine, JUUL uses patented nicotine salts from which it makes liquid nicotine cartridges, or JUULpods.¹¹⁶ Each JUULpod is, according to the Company, the equivalent of a pack of cigarettes. Each pod contains an alarming amount of nicotine, with up to 59 mg per ml—an amount that is roughly three times the amount of nicotine that can be sold to consumers in the European Union in a JUULpod. On top of ramping up the amount of nicotine, JUULpods enabled the Company to increase the rate and amount of nicotine delivery to the JUUL user, roughly

¹¹³ Susie Neilson, *Irritating Compounds Can Show Up in ‘Vape Juice’*, NPR (July 30, 2019), <https://www.npr.org/sections/health-shots/2019/07/30/746238009/irritating-compounds-discovered-in-vape-juice>. ¹¹⁴ *Id.*

¹¹⁵ *Id.*

¹¹⁶ Rachel Becker, *Juul’s Nicotine Salts Are Dominating the Market – And Other Companies Want In*, The Verge (Nov. 21, 2018), <https://www.theverge.com/2018/11/21/18105969/juul-vaping-nicotine-salts-electronic-cigarettes-myblu-vuse-markten>.

doubling the concentration and tripling the delivery speed of nicotine of the average e-cigarette.¹¹⁷

78. Big Tobacco spent decades manipulating nicotine in order to foster and maintain addiction in their customers. RJR developed and patented nicotine salt additives, including nicotine benzoate, to increase nicotine delivery in cigarette smoke. The objective was to provide an additional “nicotine kick” based on increased nicotine absorption associated with lower pH. JUUL uses this very same concept for its market-dominating e-cigarettes. The Company’s patent for its nicotine salts describes a process for combining benzoic acids with nicotine, a formulation that mimics the nicotine salt additive developed by RJR. JUUL’s use of benzoic acid and manipulation of pH affect the palatability of nicotine inhalation by reducing the “throat hit” that users experience when vaping. Indeed, this was the objective behind using nicotine salts (as compared to “freebase nicotine” which has a higher pH). According to Ari Atkins, one of the inventors of the JUUL device, “[i]n the tobacco plant, there are these organic acids that naturally occur. And they help stabilize the nicotine in such a way that makes it . . . I’ve got to choose my words carefully here: Appropriate for inhalation.”¹¹⁸

79. Because smokers are already accustomed to a certain level of harshness and throat hit, developing a product with low levels of harshness and minimal “throat hit” is only a critical concern if your goal is to appeal to non-smokers, for example, youth. Minimizing the harshness of nicotine also allows one to vape more frequently and for longer periods of time and masks the amount of nicotine being delivered by eliminating the unpleasant throat hit normally associated with large doses of nicotine. The harshness of freebase nicotine makes prolonged vaping difficult; the use of nicotine salts solves that problem. Put another way, the nicotine salt technology behind

¹¹⁷ *How Much Nicotine is In Juul?*, Truth Initiative (Feb. 26, 2019), <https://truthinitiative.org/research-resources/emerging-tobacco-products/how-much-nicotine-juul>. ¹¹⁸ David Pierce, *This Might Just Be the First Great E-Cig*, Wired.com (Apr. 21, 2015), <https://www.wired.com/2015/04/pax-juul-ecig/>.

JUULpods makes JUUL “smoke” highly potent yet hardly perceptible.

80. The increased nicotine exposure facilitated by the JUUL device has serious health consequences. The ease of use and “smoothness” strip away external inhibitors and enable extreme levels of unfettered use. Using the JUUL’s own calculations, consuming two JUULpods in a day is the equivalent of consuming two to four packs of cigarettes a day. In this way, JUUL has not only created a new generation of e-cigarette smokers but has also pioneered a new style of smoking—vaping—that is more nicotine-saturated than ever before.

81. Increased rates and duration of smoking lead to greater overall exposure to nicotine. Nicotine is a neurotoxin. A highly addictive, psychoactive substance that targets brain areas involved in emotional and cognitive processing, nicotine poses a particularly potent threat to the adolescent brain, as it can “derange the normal course of brain maturation and have lasting consequences for cognitive ability, mental health, and even personality.”¹¹⁹ Studies also show that exposure to nicotine as a teen—even minimal exposure—biologically primes the brain for addiction and greatly increases likelihood of dependence on nicotine as well as other substances later in life.¹²⁰

82. According to congressional testimony from Dr. Jonathan Winickoff, a professor of pediatrics at Harvard Medical School and the Director of Pediatric Research in the Tobacco Research and Treatment Center, “[n]icotine addiction can take hold in only a few days, especially in the developing adolescent brain that is particularly vulnerable to addiction to nicotine. . . Many of my patients find Juul nearly impossible to stop. Nicotine withdrawal can cause headaches,

¹¹⁹ N.A. Goriounova & H.D. Mansvelder, *Short- and Long-Term Consequences of Nicotine Exposure during Adolescence for Prefrontal Cortex Neuronal Network Function*, Cold Spring Harbor Persp. in Med. 2(12) (Dec. 2012), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3543069/>.

¹²⁰ National Institute on Drug Abuse, *Principles of Adolescent Substance Use Disorder: A Research Based Guide* (2014), <https://www.drugabuse.gov/publications/principles-adolescent-substance-use-disorder-treatment-research-based-guide/introduction>.

insomnia, irritability, anxiety, and depression, and these withdrawal symptoms are one of the primary reasons a nicotine addiction is difficult to overcome.”¹²¹ Moreover, there is a lack of effective tools to help adolescents overcome nicotine addiction: there is no good data on how to treat adolescents with e-cigarette dependence; there has not been enough research on youth tobacco cessation strategies; and most of the pharmacological therapies approved for adults have been shown to be ineffective or only marginally effective in adolescents.¹²²

83. Research in Massachusetts indicates that daily JUUL and other e-cigarette use is much more likely to continue than daily cigarette smoking. Out of the surveyed students who reported ever using cigarettes, only 17% indicated that they remained daily smokers. Out of the surveyed students who reported ever using e-cigarettes daily, 58% remained daily users. This data demonstrates both that e-cigarette use in teens is very persistent, a result consistent with the addictiveness of JUUL and the difficulty teens have in trying to quit.¹²³

84. E-cigarette use also puts adolescents at increased risk for cigarettesmoking. Compared to adolescents who do not use e-cigarettes, those who do are 3.5 times more likely to begin smoking cigarettes.

85. The dangerous and destructive nature of nicotine is no recent discovery. As akey ingredient in tobacco products, the drug and its deleterious effects have been the subject of scientific research and public health warnings for decades. Nicotine causes cardiovascular, reproductive, and immunosuppressive problems with devastating effects. Part of the reason the

¹²¹ Jonathan Winickoff, *Testimony of Jonathan Winickoff before the U.S. House of Representatives Committee on Oversight and Reform Subcommittee on Economic and Consumer Policy* (“Winickoff Testimony”) at 2, U.S. House Committee on Oversight & Reform (July 24, 2019),

<https://oversight.house.gov/sites/democrats.oversight.house.gov/files/2019.07.24%20Winickoff%20AAP%20Testimony.pdf>.

¹²² *Id.*

¹²³ *Id.*

national decline in cigarette use in recent years was such a victory for public health was because there was a corresponding decline in teen exposure to nicotine. From 2000 to 2017, the smoking rate among high school students fell by 73%.¹²⁴

86. That trend has completely reversed. In 2018, more than one in four high school students in the United States reported using a tobacco product in the past thirty days, a dramatic increase from just one year before.¹²⁵ But there was no increase in the use of cigarettes, cigars, or hookahs during that same time period.¹²⁶ There was only increased use in a single tobacco product: e-cigarettes. While use of all other tobacco products continued to decrease as it had been for decades, e-cigarette use increased 78% in just one year.¹²⁷ This drastic reversal caused the CDC to describe youth vaping an “epidemic.”¹²⁸

87. The teen vaping epidemic of which JUUL is the architect has and will continue to have significant costs, both for individual users and for society. Nicotine addiction alone has significant health care costs, and these costs are exacerbated when adolescents are involved. Adolescent nicotine addiction leads to memory and attention problems, and increase chances of addiction later in life, all of which will continue to have long-lasting impacts on society.

88. Science is also beginning to show that e-cigarettes have the potential to cause even more distinct health risks and costs. The very same liquids that enable e-cigarettes to deliver

¹²⁴ Matthew L. Myers, *Press Release: On 20th Anniversary of State Tobacco Settlement (the MSA), It's Time for Bold Action to Finish the Fight Against Tobacco*, Campaign for Tobacco-Free Kids (Nov. 26, 2018), https://www.tobaccofreekids.org/press-releases/2018_11_26_msa20.

¹²⁵ *Progress Erased: Youth Tobacco Use Increased During 2017-2018*, Ctrs. for Disease Control and Prevention, (Feb. 11, 2019), <https://www.cdc.gov/media/releases/2019/p0211-youth-tobacco-use-increased.html>.

¹²⁶ *Tobacco Use By Youth Is Rising: E-Cigarettes are the Main Reason*, Ctrs. for Disease Control & Prevention (Feb. 2019), <https://www.cdc.gov/vitalsigns/youth-tobacco-use/index.html>.

¹²⁷ Scott Gottlieb, *Statement from FDA Commissioner Scott Gottlieb, M.D., on proposed new steps to protect youth by preventing access to flavored tobacco products and banning menthol in cigarettes*, U.S. Food & Drug Admin. (Nov. 15, 2018), <https://www.fda.gov/news-events/press-announcements/statement-fda-commissioner-scott-gottlieb-md-proposed-new-steps-protect-youth-preventing-access>.

¹²⁸ Adams, *supra* note 2.

nicotine with such potency are proving to be increasingly dangerous. When heated, the vape liquid turns into aerosol, which may contain, in addition to nicotine, ultrafine toxic particles such as lead, additional chemicals, and volatile organic compounds.¹²⁹ These chemicals have the potential to be deadly. Vaping is now linked to conditions like chronic obstructive pulmonary disease and seizures, and there were 193 possible cases of severe lung illness associated with e- cigarette product use in 22 states in less than two months in the summer of 2019 alone.¹³⁰ Public health officials reported the first known death from a vaping-related illness on August 23, 2019.¹³¹ By early October 2019, lung illness tied to vaping had killed 19 people, and there are now over 1,000 possible cases of serious illness reported from 48 states, including in Mississippi.¹³² 16% of these patients have been under the age of 18.¹³³

89. Many teenagers are simply unaware of these risks, an ignorance that JUUL preys on. According to Dr. Winickoff, many of his patients believe JUULing is harmless:

Counseling teens and preteens on e-cigarette use is challenging. Many of my patients have wildly incorrect beliefs about e-cigarettes. They know that cigarettes are dangerous, but assume that Juul—since it’s ubiquitous, comes in child-friendly flavors, and is marketed as a healthier alternative to smoking— must be harmless. I have to explain to kids that e-cigarettes do not have the same positive health benefits as the fruits whose flavor they copy. Even the term vapor calls to mind harmless water vapor. There is no water in these products.

Winickoff Testimony at 1.

F. JUUL’s Remedial Measures

¹²⁹ Lena H. Sun, *He went from hiking enthusiast to ‘on death’s door’ within days. Doctors blamed vaping*, Wash. Post (Aug. 24, 2019), https://www.washingtonpost.com/health/one-mans-near-death-experience-with-vaping-related-lung-failure/2019/08/24/ca8ce42c-c5b4-11e9-9986-1fb3e4397be4_story.html?arc404=true.

¹³⁰ CDC, FDA, *States Continue to Investigate Severe Pulmonary Disease Among People Who Use E-cigarettes*, Ctrs. for Disease Control & Prevention (Aug. 21, 2019), <https://www.cdc.gov/media/releases/2019/s0821-cdc-fda-states-e-cigarettes.html>.

¹³¹ Matt Richtel & Sheila Kaplan, *First Death in a Spate of Vaping Sicknesses Reported by Health Officials*, N.Y. Times (Aug. 23, 2019), <https://www.nytimes.com/2019/08/23/health/vaping-death-cdc.html>.¹³² Denise Grady, *Vaping Illnesses Top 1,000, C.D.C.*, N.Y. Times (Oct. 3, 2019), <https://www.nytimes.com/2019/10/03/health/vaping-illnesses-cdc.html>.

¹³³ *Id.*

90. In the face of increasing public scrutiny and pressure, JUUL has taken action to curb underage use of its products, but its efforts have been ineffective at best and aggravating at worse. After media and researchers brought JUUL's advertising tactics front and center, it launched a new ad campaign focusing on former smokers and deleted social media accounts. But, JUUL designed its social media campaign to subsist off of user-made content, which remains unaffected by the absence of a JUUL-run account. In fact, as noted above, posts relating to JUUL increased after it stopped its direct social advertising campaign.

91. JUUL's efforts to curb underage use through alterations to the product itself are similarly either ineffective or potentially damaging. JUUL's approach to its flavored products illustrates this point. In response to serious concerns about flavored products and youth vaping, JUUL did the following: (1) it slightly modified the flavor names (i.e., "Cool Mint" is now "Mint," "Crème Brulee" is now "Creme"); and (2) it limited the flavors carried by retail stores to tobacco and mint, while continuing to offer the full range of flavors (including popular ones such as Mango) online—a market which teens are particularly aware and adept at navigating. As Dr. Winickoff testified before Congress:

[it is] completely false to suggest that mint is not an attractive flavor to children. From candy canes to toothpaste, children are introduced to mint flavor from a young age. Not only do children enjoy mint, but it has special properties that make it an especially dangerous flavor for tobacco. Menthol's anesthetic properties cool the throat, mask the harshness of nicotine, and make it easier for children to start using and continue using tobacco products. The impact of mint and menthol flavors on increasing youth tobacco addiction is well documented.

Winickoff Testimony at 3.

92. Similarly, restricting other flavors to online sales is of limited effectiveness. According to Dr. Winickoff, 80% of children get e-cigarettes from social sources, such as older friends, meaning that if the products are available for sale somewhere, children will get them.¹³⁴

G. JUUL and Schools

93. In addition to severe health consequences, widespread “JUULing” has placed severe burdens on society and schools in particular. It is not an overstatement to say that JUUL has changed the educational experience of students across the nation. As one vape shop manager told KOMO News, “It’s the new high school thing. Everyone’s got the JUUL.”¹³⁵

94. JUUL use has completely changed school bathrooms—now known as “the Juul room.”¹³⁶ As one high school student explained, “it’s just a cloud.”¹³⁷ The ubiquity of JUUL use in high school bathrooms has generated numerous online spoofs about “the juul room.”

95. Kids have also coined the term “nic sick”—which, as one high school student explained to CBS News, “kinda seems like a really bad flu, like, just out of nowhere. Your face goes pale, you start throwing up and stuff, and you just feel horrible.”¹³⁸

96. Such rampant JUUL use has effectively added another category to teachers’ and school administrators’ job descriptions; many now receive special training to respond to the various problems that JUUL use presents, both in and out of the classroom. A national survey of middle schools and high schools found that 43.3% of schools have had to implement not only an e-cigarette policy but a JUUL-specific policy.¹³⁹ Participants in the survey reported multiple

¹³⁴ *Id.*

¹³⁵ *Juuling at School*, KOMO News (2019), <https://komonews.com/news/healthworks/dangerous-teen-trend-juuling-at-school>

¹³⁶ Moriah Balingit, *In the ‘Juul room’: E-cigarettes spawn a form of teen addiction that worries doctors, parents and schools*, Washington Post (Jul. 26, 2019), https://www.washingtonpost.com/local/education/helpless-to-the-draw-of-nicotine-doctors-parents-and-schools-grapple-with-teens-addicted-to-e-cigarettes/2019/07/25/e1e8ac9c-830a-11e9-933d-7501070ee669_story.html.

¹³⁷ Greta Jochem, *Juuling in School: e-Cigarette Use Prevalent Among Local Youth*, Daily Hampshire Gazette (Nov. 13, 2018), <https://www.gazettenet.com/Juuling-in-Schools-21439655>.

¹³⁸ *High school students say about 20% of their peers are vaping, some as young as 8th grade*, CBS News (Aug. 31, 2019), <https://www.cbsnews.com/news/high-school-students-say-about-20-of-their-peers-are-vaping-some-as-young-as-8th-grade/>.

¹³⁹ Barbara A. Schillo, et al., *JUUL in School: Teacher and Administrator Awareness and Policies of E-Cigarettes*

barriers to enforcing these policies, including the discreet appearance of the product, difficulty pinpointing the vapor or scent, and the addictive nature of the product.¹⁴⁰

97. Across the United States, schools have had to divert resources and administrators have had to go to extreme lengths to respond to the ever-growing number of students using JUULs on school grounds. According to the Truth Initiative, more than 40 percent of all teachers and administrators reported that their school uses camera surveillance near the school's restroom, almost half (46 percent) reported camera surveillance elsewhere in the school, and 23 percent reported using assigned teachers for restroom surveillance.¹⁴¹ Some schools have responded by removing bathroom doors or even shutting bathrooms down,¹⁴² and schools have banned flash drives to avoid any confusion between flash drives and JUULs.¹⁴³ Schools have also paid thousands of dollars to install special monitors to detect vaping, which they say is a small price to pay compared to the plumbing repairs otherwise spent as a result of students flushing vaping paraphernalia down toilets.¹⁴⁴ Other school districts have sought state grant money to create new positions for tobacco prevention supervisors, who get phone alerts when vape smoke is detected in bathrooms.¹⁴⁵

and JUUL in U.S. Middle and High Schools, Truth Initiative (Sep. 2019), https://journals.sagepub.com/doi/full/10.1177/1524839919868222?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

¹⁴⁰ *Id.*

¹⁴¹ [How are schools responding to JUUL and the youth e-cigarette epidemic?](https://truthinitiative.org/research-resources/emerging-tobacco-products/how-are-schools-responding-juul-and-youth-e-cigarette), Truth Initiative, (Jan. 18, 2019) <https://truthinitiative.org/research-resources/emerging-tobacco-products/how-are-schools-responding-juul-and-youth-e-cigarette>

¹⁴² Ana B. Ibarra, *The Juul's So Cool, Kids Smoke It In School*, Kaiser Health News (Mar. 26, 2018), <https://khn.org/news/the-juuls-so-cool-kids-smoke-it-in-school/>; Evie Blad, 'Juuling' Craze: Schools Scramble to Deal With Student Vaping, *Educ. Wk.* (May 4, 2018), <https://www.edweek.org/ew/articles/2018/05/09/juuling-craze-schools-scramble-to-deal-with.html>.

¹⁴³ Anna B. Ibarra, *Why 'juuling' has become a nightmare for school administrators*, Kaiser Health News (Mar. 2018), <https://www.nbcnews.com/health/kids-health/why-juuling-has-become-nightmare-school-administrators-n860106>.

¹⁴⁴ Suzanne Monaghan, *Many schools installing vape detectors in bathrooms to discourage e-cigarette use*, KYWNewsradio (June 10, 2019), <https://kywnewsradio.radio.com/articles/news/many-schools-installing-vape-detectors-bathrooms-address-rise-e-cigarette-use>.

¹⁴⁵ Lauren Katims, *California Fights Vaping in Schools*, U.S. News & World Report (Apr. 30,

98. Many schools have shifted their disciplinary policies in order to effectively address the JUUL epidemic. Rather than immediately suspending students for a first offense, school districts have created anti-vaping curricula which students are required to follow in sessions held outside of normal school hours, including on Saturdays.¹⁴⁶ Teachers prepare lessons and study materials for these sessions with information on the marketing and health dangers of vaping¹⁴⁷—extra work which requires teachers to work atypical hours early in the mornings and on weekends.¹⁴⁸ Some schools will increase their drug testing budget to include random nicotine tests for students before they join extracurricular activities.¹⁴⁹ Under this drug- testing protocol, first offenders will undergo drug and alcohol educational programming; second and third offenders will be forced to sit out from extracurriculars and attend substance abuse counseling.¹⁵⁰

99. JUUL actively sought to enter school campuses. The Subcommittee on Economic and Consumer Policy (“Subcommittee”) conducted a months-long investigation of JUUL, including reviewing tens of thousands of internal documents, and concluded that JUUL “deliberately targeted children in order to become the nation’s largest seller of e-cigarettes.”¹⁵¹ The Subcommittee found that “(1) Juul deployed a sophisticated program to enter schools and convey its messaging directly to teenage children; (2) Juul also targeted teenagers and children, as young as eight years-old, in summer camps and public out-of-school programs; and (3) Juul

2019), <https://www.usnews.com/news/best-states/articles/2019-04-30/california-focuses-on-education-to-curb-vaping-in-schools>.

¹⁴⁶ *Id.*

¹⁴⁷ Pat Eaton-Robb, *Discipline or treatment? Schools rethinking vaping response*, Concord Monitor (May 26, 2019), <https://www.concordmonitor.com/Discipline-or-treatment-Schools-rethinking-vaping-response-25822972>.

¹⁴⁸ Kathy Brown, *School trustees OK discipline for juuling/vaping offenses*, Gillette News Record (Aug. 29, 2019), https://www.gillettenewsrecord.com/news/local/article_5ec28c96-fd48-5ae0-b267-4e417272d020.html.

¹⁴⁹ Christine Hauser, *This School District Has a Way to Combat Vaping: Random Nicotine Tests*, N.Y. Times (June 17, 2019), <https://www.nytimes.com/2019/06/17/us/nebraska-vaping-schools.html>.

¹⁵⁰ *Id.*

¹⁵¹ *Supplemental Memorandum for Hearing on ‘Examining JUUL’s Role in the Youth Nicotine Epidemic: Parts I & II’ from Committee Staff, to Democratic Members of the Subcommittee on Economic and Consumer Policy* (July 25, 2019), <https://oversight.house.gov/sites/democrats.oversight.house.gov/files/Supplemental%20Memo.pdf>.

recruited thousands of online “influencers” to market to teens.”¹⁵²

100. According to the Subcommittee, JUUL was willing to pay schools and organizations hundreds of thousands of dollars to have more direct access to kids. Such attempts included paying a Baltimore charter school organization \$134,000 to start a summer camp to teach kids healthy lifestyles, for which JUUL itself would provide the curriculum; offering schools \$10,000 to talk to students on campus; and giving the Police Activities League in Richmond, California, \$90,000 to provide JUUL’s own vaping education program, “Moving On,” to teenage students suspended for using cigarettes.¹⁵³ Meanwhile, JUUL would collect data about test scores, surveys, and activity logs about the students.

101. Among the more egregious incidents reported by the Subcommittee was a July 24, 2019 presentation in which no parents or teachers were in the room for the presentation, the message conveyed was that the JUUL product was “totally safe,” and the presenter even demonstrated to the students how to use a JUUL.¹⁵⁴ The school was presumably paid for this meeting, which was marketed to the school as an anti-smoking initiative. A JUUL spokesman said JUUL is no longer funding such programs.¹⁵⁵

H. Impact on Slippery Rock Area School District

102. The residents, parents and students of the School District have been plagued by the youth vaping epidemic and have been directly affected by the surge in youth vaping caused by Defendants’ misconduct. The School District continues to incur the increased costs to address and respond to the youth vaping epidemic.

¹⁵² *Id.* at 1.

¹⁵³ Sheila Kaplan, *Juul Targeted Schools and Youth Camps*, *House Panel on Vaping Claims*, N.Y. Times (Jul. 25, 2019), <https://www.nytimes.com/2019/07/25/health/juul-teens-vaping.html>.

¹⁵⁴ *Supplemental Memorandum for Hearing on ‘Examining JUUL’s Role in the Youth Nicotine Epidemic: Parts I & II’ from Committee Staff, to Democratic Members of the Subcommittee on Economic and Consumer Policy* (July 25, 2019), <https://oversight.house.gov/sites/democrats.oversight.house.gov/files/Supplemental%20Memo.pdf>.

¹⁵⁵ *Id.*

103. The School District is comprised of Slippery Rock Area High School, Slippery Rock Area Middle School, Slippery Rock Area Elementary School, Moraine Elementary School and Slippery Rock Online Odyssey. Each of these schools have administrators, teachers, school nurses, counselors and other education related staff members, along with custodians, secretaries and other staff members who are responsible for the day-to-day operations and maintenance of the schools.

104. In addition, the School District employees approximately three (3) Armed Security Guards who are responsible for the safety and security of the School District, its employees, students and visitors. As part of their daily responsibilities, the School District's Armed Security Guards work with the Administration to address student conduct that violates School District policy and/or Federal and State laws.

105. The School District's employees have witnessed countless ways in which the use of Defendants' products by its students has negatively impacted the School District, including, but not limited to the impact upon curriculum and development; class time; increased time spent addressing discipline and supervision issues; and, increased counselor time spent with addicted students and peers who are concerned about this epidemic.

106. The School's Armed Security Guards have had to spend increased time responding to student JUUL use. Due to the pervasive use of JUUL products on the School District's property, School District employees have been forced to spend more time physically supervising students to ensure that they are not using JUUL products. The School District's employees are also spending significantly more time addressing discipline problems related to JUUL use.

107. Counselors at the School District are now facing the reality of spending time discussing JUUL use with students and trying to help students who have become addicted. Students

are now beginning to tell counselors that they are concerned about their peers using JUUL and are afraid because the students do not know what they are putting in their bodies.

108. To fully address the harms caused to the School District by Defendants' conduct will require a comprehensive approach, one that includes addiction counselors in schools; prevention education that includes information about the health consequences of JUUL use on adolescents' bodies and minds; the development of refusal and other skills within the students; and, addiction treatment options.

109. Without the resources to fund these measures, the School District and others similarly situated school districts will continue to be harmed by the ongoing consequences of Defendants' conduct.

IV. CAUSES OF ACTION

COUNT I – PUBLIC NUISANCE

110. Plaintiff hereby incorporates by reference the allegations contained in the preceding paragraphs of this complaint.

111. Defendants' design, manufacture, production, marketing, distribution, and sale of highly-addictive and harmful e-cigarettes and nicotine pods, when such actions were taken with the intent to market and, in fact, were marketed to youth through repeated misstatements and omissions of material fact, unreasonably interfered with a public right in that results of Defendants' actions created and maintained a condition dangerous to the public's health, was offensive to community moral standard, or unlawfully obstructed the public in free use of public property. Defendant intentionally created and maintained a public nuisance by, among other acts:

- A. Designing a product that was uniquely youth-oriented in design, resembling a common USB flash drive;

- B. Designing a product that was meant to facilitate underage use, both generally and by enabling easy concealment of Defendant's e-cigarette in school;
- C. Designing a product with a nicotine delivery system that results in a quicker and more potent dose of nicotine to its users;
- D. Designing a product with as little irritation to a user's throat, like that experienced from smoking a combustible cigarette, as possible to facilitate initiation of nicotine use by youth and non-smokers;
- E. Marketing highly-addictive nicotine products to youth, who are, because of their age and lack of experience, particularly susceptible to Defendant's targeted marketing preying on their need for social acceptance;
- F. Marketing a nicotine product to a population—youth—that, because of their developmental stage, is more susceptible to nicotine addiction;
- G. Marketing nicotine products to a population—youth—that faces an increased risk of adverse mental and physical health impacts from nicotine use; and
- H. Actively seeking to enter school campuses, targeting children as young as eight through summer camps and school programs, extensively targeting youth through social media campaigns, and recruiting "influencers" to market to teens;
- I. Engaging in marketing tactics specifically designed to mislead children and youth and to ensnare minors into nicotine addiction, including by explicitly adopting tactics prohibited from Big Tobacco, with the knowledge that those tactics were likely to ensnare children and youth into nicotine addiction, including using billboards and outdoor advertising, sponsoring events, giving free samples, paying affiliates and "influencers" to push JUUL products on JUUL's behalf, and by selling JUUL in flavors designed to appeal to youth;
- J. Engaging in advertising modeled on cigarette ads and featuring youthful-appearing models and designing advertising in a patently youth-oriented fashion;
- K. Directing advertising to youth media outlets and media designed to appeal to children and youth, such as Instagram and other social media channels;
- L. Hosting youth-focused parties across the United States, at which free JUUL samples were dispensed and in which vaping was featured prominently across JUUL-sponsored social media;

- M. Formulating JUULpods with flavors with the knowledge that such flavors appealed to youth and with the intent that youth become addicted or dependent upon JUUL products; and
- N. Promoting and assisting the growth of the JUUL market and its availability with knowledge that JUUL products were being purchased and used by large numbers of youth.

112. The health and safety of the students and employees of Slippery Rock Area School District, including those who use, have used, or will use JUUL products, as well as those affected by others' use of JUUL products, are matters of substantial public interest and of legitimate concern to the Plaintiff's students and employees, as well as to the entire Butler County and Pennsylvania communities.

113. Defendants' conduct was continuous and occurred over a span of years. Defendants' conduct has affected and continues to affect a substantial number of people within Slippery Rock Area School District and is likely to continue causing significant harm.

114. But for Defendants' actions, JUUL use by minors would not be as widespread as it is today, and the vaping public health epidemic that currently exists as a result of the Defendants' conduct would have been averted.

115. Defendants' unfair and deceptive conduct has caused the damage and harm complained of herein. Defendants knew or reasonably should have known that their statements regarding the risks and benefits of JUUL were false and misleading, that their marketing methods were designed to appeal to minors, and that their false and misleading statements, marketing to minors, and active efforts to increase the accessibility of JUUL products and grow JUUL's market share were causing harm to minors and to school districts, including minors in Slippery Rock Area School District and the School District itself. Thus, the public nuisance caused by Defendants was reasonably foreseeable, including the financial and economic losses incurred by Slippery Rock

Area School District.

116. Alternatively, Defendants' conduct was a substantial factor in bringing about the public nuisance even if a similar result would have occurred without it. By directly marketing to youth and continuing marketing practices after it was evidence that children were using JUUL products in large numbers and were specifically using these products in school, JUUL directly facilitated the spread of the youth vaping epidemic and the public nuisance affecting the School District. By investing billions of dollars in JUUL and actively working to promote the sale and spread of JUUL products with knowledge of JUUL practice of marketing its products to youth and failure to control youth access to its products, Altria directly facilitated the spread of the youth vaping epidemic and the public nuisance affecting Slippery Rock Area School District.

117. The public nuisance created and maintained by Defendants has resulted, and continues to result, in significant damage and annoyance to Plaintiff. Again, the FDA and others have recognized that teen vaping is an epidemic and that Defendants' actions are at the heart of that epidemic.

118. The injury suffered by Plaintiff is distinguishable from that suffered by the general public, both in kind and quality. Plaintiff, a school district, has incurred, and continues to incur, significant expenditures of time and resources to combat rampant use of Defendants' nicotine products by students, including during school. The significant time and resources necessary to combat this reality and maintain the safety of Plaintiff's students and achieve the educational goals of Plaintiff are unique from the hardships suffered by the general public.

**COUNT II – VIOLATION OF THE RACKETEER INFLUENCED
CORRUPT ORGANIZATIONS ("RICO") ACT § 1962(a), (c), & (d)**

119. Plaintiff hereby incorporates by reference the allegations contained in the preceding paragraphs of this complaint.

120. Defendants are a “person” under 18 U.S.C. §1961(3).

121. Section 1962(a) makes it “unlawful for any person who has received any income derived, directly or indirectly, from a pattern of racketeering activity or through collection of an unlawful debt in which such person has participated as a principal within the meaning of Section 2, Title 18, United States Code, to use or invest, directly or indirectly, any part of such income, or the proceeds of such income, in acquisition of any interest in, or the establishment or operation of, any enterprise which is engaged in, or the activities of which affect, interstate or foreign commerce.” 18 U.S.C. § 1962(a).

122. Section 1962(c) makes it “unlawful for any person employed by or associated with any enterprise engaged in, or the activities of which affect, interstate or foreign commerce, to conduct or participate, directly or indirectly, in the conduct of such enterprise’s affairs through a pattern of racketeering activity.” 18 U.S.C. § 1962(c).

123. Section 1962(d) makes it unlawful for “any person to conspire to violate” §§ 1962(a) and (c), among other provisions. 18 U.S.C. § 1962(d).

124. The enterprise, the activities of which affected interstate and foreign commerce, was comprised of an association in fact of persons consisting of JUUL, Altria Group, Inc., Altria Client Services, Altria Group Distribution Company, Nu Mark LLC, Philip Morris USA, Inc., and Does 1-100, (collectively the “JUUL Youth Marketing Enterprise”).

125. The JUUL Youth Marketing Enterprise functions to achieve a shared goal: a scheme to deceive youth regarding the health risks and characteristics of JUUL e-cigarettes and JUULpods to encourage youth use of JUUL products, to enable use of JUUL products on school premises and during class, to downplay or conceal the dangers posed by nicotine use, to design a product that facilitated youth e-cigarette use and initiation of use by non-smokers, to conceal the unparalleled potency of JUUL’s e-cigarette, to addict youth to JUUL products, and to gain

financially, through unlawful means.

126. JUUL misstated and omitted material facts in social media posts—both its own posts and posts of its Social Media Influencers, advertisements on JUUL’s website, email messages, print materials including 2015 full-page ads in *Vice* magazine, point-of-sale advertising, free JUUL distribution events, “education” programs to schools and youth, and product packaging.

127. The JUUL Youth Marketing Enterprise misrepresented or failed to adequately disclose that its products contained nicotine or how much nicotine JUUL products deliver to a user’s bloodstream, including as compared to a combustible cigarette, as well as the benzoic acid levels JUULpods contain. JUUL further omitted the increased risk of addiction, physiological effects, and other severe health risks the higher-than-disclosed levels of nicotine delivery pose to a JUUL user. Instead, JUUL intentionally created a misleading impression that JUUL’s products were intended for youth, were totally safe or at least safer than combustible cigarettes, and were not a nicotine delivery device but, rather, a trendy tech product that should be associated with products like the wildly popular iPhone.

128. The JUUL Youth Marketing Enterprise violated the Federal Food, Drug, and Cosmetic Act, 21 U.S.C. §§ 387b(8), 387k(a), as amended by the Tobacco Control Act, by advertising its e-cigarettes and nicotine juice as modified risk tobacco products without an appropriate FDA Order in effect, *i.e.* widely disseminating misleading statements about the safety of JUUL products.

129. These deceptive acts were taken with the express intent of growing JUUL’s market share and increasing JUUL’s revenue, thereby causing financial gain to each of the JUUL Youth Marketing Enterprise’s constituents. In addition to enhancing the fortunes of its members, some of the increased revenues were used to operate and expand the JUUL Youth Marketing Enterprise.

130. Each member of the JUUL Youth Marketing Enterprise was associated with an illegal enterprise, and conspired, conducted, and participated in that enterprise's affairs, through a pattern of racketeering activity consisting of numerous and repeated uses of the interstate mail and wire facilities to execute a scheme to defraud, in violation of 18 U.S.C. §§ 1341 and 1343, all in violation of the RICO Act, 18 U.S.C. §§1962(a), (c)-(d). These acts, committed by interstate wire and through the mails, include: (1) sending and receiving thousands of statements over a number of years that contained deceptive statements regarding JUUL's e-cigarettes and JUULpods, the effects of nicotine use, the likelihood of becoming addicted to nicotine use, the design of JUUL's e-cigarettes, the amount of nicotine and other chemicals in JUULpods, and that JUUL's e-cigarettes were intended for use by adults who were already addicted to nicotine use rather than by teens who were new nicotine users; and (2) sending payments over that same time to further and guarantee the success of the deceptive acts described in (1).

131. Each member of the JUUL Youth Marketing Enterprise profited from the enterprise, and Plaintiff suffered injury to its property because it has incurred substantial expense, is incurring substantial expense, and will continue to incur substantial expense in mitigating and combatting the harmful effects resulting from JUUL use by students, including increased security and monitoring protocols, student suspensions and other disciplinary programs, and educational programs necessary to correct the JUUL Youth Marketing Enterprise's deceptive and illegal marketing. The members of the JUUL Youth Marketing Enterprise used the proceeds from their deceptive acts to further the scheme by, among other things, expanding the depth and breadth of the deceptive marketing. For example, JUUL began offering to sponsor purportedly education-related activities under the guise of preventing underage use of e-cigarettes. In reality, JUUL sought to raise awareness of its products and gain additional student users.

132. The members of the JUUL Youth Marketing Enterprise conspired to deceive Plaintiff.

133. The JUUL Youth Marketing Enterprise has existed since at least 2015. It has functioned as a continuing unit and maintains an ascertainable structure separate and distinct from the pattern of racketeering activity. Each member's participation in the JUUL Youth Marketing Enterprise is necessary for the successful operation of the deceptive marketing scheme and the financial gains that resulted therefrom.

134. Plaintiff has sustained injury by reason of the acts and conduct of Defendants alleged in this Complaint, including their loss of money in funding mitigation and remedial programs regarding JUUL use by students which but for the deceptive marketing and other acts of the JUUL Youth Marketing Enterprise, it would not have incurred.

135. Plaintiff was the direct target of Defendants' scheme.

136. But for the conduct of Defendants alleged herein, Plaintiff would not have been injured. The injury suffered by Plaintiff was a foreseeable and natural consequence of the scheme to defraud.

137. The injuries of Plaintiff were directly and proximately caused by Defendants' racketeering activity that deceived and defrauded consumers and resulted in a meteoric rise of youth-vaping.

138. As a result and by reason of the foregoing, Plaintiff has been injured, suffered harm and sustained damage to its business and property, and is therefore entitled to recover actual and treble damages, and its costs of suit, including reasonable attorney fees, pursuant to 18 U.S.C. § 1964(c).

139. In addition, as set forth above, Defendants have violated 18 U.S.C. §§ 1962 (c), and

(d), and will continue to do so in the future.

140. Enjoining Defendants from committing these RICO violations in the future and/or declaring their invalidity and disgorging ill-gotten gains is appropriate pursuant to 18 U.S.C. § 1964(a), which authorizes the district courts to issue appropriate orders to provide equitable relief to civil RICO plaintiffs and enjoin violations of 18 U.S.C. § 1962.

141. Plaintiff seeks compensatory damages, disgorgement, equitable relief, injunctive relief, treble damages, and attorneys' fees.

COUNT III – NEGLIGENCE

142. Plaintiff hereby incorporates by reference the allegations contained in the preceding paragraphs of this complaint.

143. Defendants owed Plaintiff a duty to not expose Plaintiff to an unreasonable risk of harm.

144. At all times relevant to this litigation, Defendants had a duty to exercise reasonable care in the design, research, manufacture, marketing, advertisement, supply promotion, packaging, sale, and distribution of its JUUL products, including the duty to take all reasonable steps necessary to manufacture, promote, and/or sell a product that was not unreasonably dangerous to consumers, users, and other persons coming into contact with the product.

145. At all times relevant to this litigation, Defendants had a duty to exercise reasonable care in the marketing, advertisement, and sale of its JUUL products. Defendants' duty of care owed to consumers and the general public, including Plaintiff, included providing accurate, true, and correct information concerning the risks of using JUUL products and appropriate, complete, and accurate warnings concerning the potential adverse effects of vaping and nicotine use and, in particular, JUUL's patented nicotine salts and the chemical makeup of JUULpods liquids.

146. At all times relevant to this litigation, Defendants knew or, in the exercise of reasonable care, should have known of the hazards and dangers of JUUL products and specifically, the health hazards posed by vaping JUULpods and continued use of nicotine, particularly among adolescents.

147. Accordingly, at all times relevant to this litigation, Defendants knew or, in the exercise of reasonable care, should have known that use of JUUL e-cigarettes and JUULpods by students could cause Plaintiff's injuries and thus created a dangerous and unreasonable risk of injury to Plaintiff.

148. Defendants also knew or, in the exercise of reasonable care, should have known that users and consumers of JUUL products were unaware of the risks and the magnitude of the risks associated with the use of JUUL products, including but not limited to the risk of continued nicotine use and nicotine addiction.

149. As such, Defendants breached their duty of reasonable care and failed to exercise ordinary care in the design, research, development, manufacture, testing, marketing, supply, promotion, advertisement, packaging, sale, and distribution of its JUUL e-cigarettes and JUULpods, in that Defendants manufactured and produced defective products containing nicotine and other chemicals known to cause harm to consumers, knew or had reason to know of the defects inherent in its products, knew or had reason to know that a user's or consumer's use of the products created a significant risk of harm and unreasonably dangerous side effects, and failed to prevent or adequately warn of these risks and injuries.

150. Despite its ability and means to investigate, study, and test its products and to provide adequate warnings, Defendants have failed to do so. Indeed, Defendants have wrongfully concealed information and has further made false and/or misleading statements concerning the

safety and/or use of JUUL products and nicotine vaping.

151. Defendants' negligence included:

- A. Manufacturing, producing, promoting, formulating, creating, developing, designing, selling, and/or distributing its JUUL products without thorough and adequate pre- and post-market testing;
- B. Failing to undertake sufficient studies and conduct necessary tests to determine whether or not JUUL products were safe for their intended use;
- C. Failing to use reasonable and prudent care in the design, research, manufacture, formulation, and development of JUUL products so as to avoid the risk of serious harm associated with the prevalent use of JUUL products and nicotine;
- D. Failing to provide adequate instructions, guidelines, and safety precautions to those persons who Defendants could reasonably foresee would use its JUUL products;
- E. Failing to disclose to Plaintiff, users, consumers, and the general public that the use of JUUL products presented severe health risks including nicotine addiction;
- F. Representing that its JUUL products were safe for their intended use when, in fact, Defendants knew or should have known that the products were not safe for their intended use;
- G. Declining to make or propose any changes to JUUL products' labeling or other promotional materials that would alert the consumers and the general public of the true risks of JUUL products;
- H. Advertising, marketing, and recommending the use of JUUL products, while concealing and failing to disclose or warn of the dangers known by Defendants to be associated with or caused by the use of JUUL products;
- I. Continuing to disseminate information to its consumers, which indicates or implies that Defendants' products are not unsafe for their intended use; and
- J. Continuing the manufacture and sale of its products with the knowledge that the products were unreasonably unsafe and dangerous.

152. Defendants knew and/or should have known that it was foreseeable that Plaintiff would suffer injuries as a result of Defendants' failure to exercise ordinary care in the

manufacturing, marketing, labeling, distribution, and sale of JUUL products.

153. Plaintiff did not know the nature and extent of the injuries that could result from the intended use of JUUL products or JUUL's patented JUULpods liquids by Plaintiff's students.

154. Defendants' negligence was the proximate cause of the injuries, harm, and economic losses that Plaintiff suffered, and will continue to suffer, as described herein.

155. Defendants' conduct, as described above, was reckless. Defendants regularly risk the lives of consumers and users of its products with full knowledge of the dangers of its products. Defendants made conscious decisions not to redesign, re-label, warn, or inform the unsuspecting public, including Plaintiff. Defendants' reckless conduct, therefore, warrants an award of aggravated or punitive damages.

156. As a proximate result of Defendants' wrongful acts and omissions in placing its defective JUUL products into the stream of commerce without adequate warnings of their hazardous nature, Plaintiff has been injured and suffered economic damages and will continue to incur expenses in the future.

COUNT IV – GROSS NEGLIGENCE

157. Plaintiff hereby incorporates by reference the allegations contained in the preceding paragraphs of this complaint.

158. Defendants owed a duty of care to Plaintiff to conduct their business of manufacturing, promoting, marketing, and/or distributing JUUL nicotine products in compliance with applicable state law and in an appropriate manner.

159. Specifically, Defendants had a duty and owed a duty to Plaintiff to exercise a degree of reasonable care including, but not limited to: ensuring that JUUL marketing does not target minors; ensuring that JUUL e-cigarettes and JUULpods are not sold and/or distributed to minors

and are not designed in a manner that makes them unduly attractive to minors; designing a product that is not defective and unreasonably dangerous; designing a product that will not addict youth or other users to nicotine; adequately warning of any reasonably foreseeable adverse events with respect to using the product. Defendants designed, produced, manufactured, assembled, packaged, labeled, advertised, promoted, marketed, sold, supplied and/or otherwise placed JUUL products into the stream of commerce, and therefore owed a duty of reasonable care to those, including Plaintiff, who would be impacted by its use.

160. JUUL's products were the types of products that could endanger others if negligently made, promoted, or distributed. Defendants knew the risks that young people would be attracted to their e-cigarettes and JUULpods and knew or should have known the importance of ensuring that the products were not sold and/or distributed to anyone under age 26, but especially to minors.

161. Defendants knew or should have known that their marketing, distribution, and sales practices did not adequately safeguard minors from the sale and/or distribution of e- cigarette devices and JUULpods and, in fact, induced minors to purchase JUULproducts.

162. Defendants were negligent in designing, manufacturing, supplying, distributing, inspecting, testing (or not testing), marketing, promoting, advertising, packaging, and/or labeling JUUL's products.

163. As a powerfully addictive and dangerous nicotine-delivery device, Defendants knew or should have known that JUUL's products needed to be researched, tested, designed, advertised, marketed, promoted, produced, packaged, labeled, manufactured, inspected, sold, supplied and distributed properly, without defects and with due care to avoid needlessly causing harm. Defendants knew or should have known that their products could cause serious risk of harm,

particularly to young persons like students in Plaintiff's schools.

164. Defendants were negligent, reckless and careless and failed to take the care and duty owed to Plaintiff, thereby causing Plaintiff to suffer harm.

165. The negligence and extreme carelessness of Defendants includes, but is not limited to, the following:

- A. Failure to perform adequate testing of the JUUL products prior to marketing to ensure safety, including long-term testing of the product, and testing for injury to the brain and cardiovascular systems, and other related medical conditions;
- B. Failure to take reasonable care in the design of JUUL's products;
- C. Failure to use reasonable care in the production of JUUL's products;
- D. Failure to use reasonable care in the manufacture of JUUL's products;
- E. Failure to use reasonable care in the assembly of JUUL's products;
- F. Failure to use reasonable care in supplying JUUL's products;
- G. Failure to use reasonable care in distributing JUUL's products;
- H. Failure to use reasonable care in advertising, promoting, and marketing JUUL's products;
- I. Promotion of JUUL's products to young people under age 26, and especially to minors;
- J. Use of flavors and design to appeal to young people under age 26, and especially to minors, in that the products smell good, look cool and are easy to conceal from parents and teachers;
- K. Use of design that maximizes nicotine delivery while minimizing "throat hit," thereby easily creating and sustaining addiction;
- L. Failure to prevent JUUL's products from being sold to young people under age 26, particularly to minors;
- M. Failure to prevent use of JUUL's products among young people under age 26, particularly for minors;

- N. Failure to curb use of JUUL's products among young people under age 26, particularly for minors;
- O. Failure to develop tools or support to help people addicted to JUUL's products cease using the products, including manufacturing lesser amounts of nicotine;
- P. Failure to reasonably and properly test and properly analyze the testing of JUUL's products under reasonably foreseeable circumstances;
- Q. Failure to warn its customers about the dangers associated with use of JUUL's products, in that it was unsafe for anyone under age 26, significantly increases blood pressure, carries risks of stroke, heart attacks, and cardiovascular events, is powerfully addictive, can cause permanent brain changes, mood disorders, and impairment of thinking and cognition;
- R. Failure to instruct customers not to use the product if they were under 26, particularly minors, and failing to provide any instructions regarding a safe amount of JUULpods to consume in a day;
- S. Failure to ensure that JUUL's products would not be used by persons like Plaintiff's students who were not smokers and who were under age 26, particularly minors;
- T. Failure to warn customers that JUUL had not adequately tested or researched JUUL products prior to marketing to ensure safety, including long-term testing of the product, and testing for injury to the brain and cardiovascular systems, and other related medical conditions;
- U. Failure to utilize proper materials and components in the design of JUUL's products to ensure they would not deliver unsafe doses of nicotine;
- V. Failure to use due care under the circumstances;
- W. Failure to take necessary steps to modify JUUL's products to avoid delivering high doses of nicotine to young people and repeatedly exposing them to toxic chemicals;
- X. Failure to recall JUUL's products; and
- Y. Failure to inspect JUUL's products for them to operate properly and avoid delivering unsafe levels of nicotine to young persons.

166. Defendants breached the duties they owed to Plaintiff and in doing so, was wholly

unreasonable. A responsible company, whose primary purpose is to help adult smokers, would not design a product to appeal to minors and nonsmokers nor market their products to minors and nonsmokers. If they are aware of the dangers of smoking and nicotine ingestion enough to create a device to help people stop smoking, then they are aware of the dangers enough to know that it would be harmful for young people and nonsmokers to use.

167. Defendants breached their duties through its false and misleading statements and omissions in the course of its manufacture, distribution, sale, and/or marketing of JUUL nicotine products within the State.

168. As a foreseeable consequence of Defendants' breaches of their duties, Plaintiff suffered direct and consequential economic injuries as a result of dealing with the JUUL epidemic in Plaintiff's schools.

169. Defendants' breaches of their duties involved an indifference to duty amounting to recklessness and actions outside the bounds of reason, so as to constitute gross negligence.

170. Defendants' gross negligence was egregious, directed at the public generally, and involved a high degree of moral culpability.

COUNT V – PUNITIVE DAMAGES

171. Plaintiff incorporates by reference all preceding paragraphs.

172. Defendant was grossly negligent in that Defendant committed intentional acts of an unreasonable character in disregard of known or obvious risks so great as to make it highly probable that harm would result in the course of their manufacture, distribution, sale, promotion, advertising and/or marketing JUUL products within the State.

173. Defendant knew the risks that minors would be attracted to their e-cigarettes and JUULpods and knew or should have known the importance of ensuring that the products were not

sold and/or distributed to minors and young people.

174. Defendant could have easily marketed the products to a whole different audience of prior smokers as well as could have easily informed the ultimate consumers of the extremely high nicotine content, the true level of which Defendant fraudulently misrepresented and concealed.

175. Defendant intentionally and willfully breached the duties they owed to Plaintiff and in doing so, were wholly unreasonable. Defendant breached their heightened duties owed to minors when they oppressively and intentionally marketed and sold JUUL products to minors, which they should not have done.

176. Defendant's acts and omissions constitute gross negligence and wanton and willful conduct, because they constitute a total lack of care and an extreme departure from what a reasonably careful person or a reasonably careful company that holds itself out as manufacturers of smoking cessation devices would do in the same situation to prevent foreseeable harm to younger persons.

177. Defendant intentionally misrepresented, deceived, and/or concealed material facts known to Defendant regarding the nature of the JUUL and the risks associated therewith. Defendant took these actions with the intention of causing minors to use and become addicted to JUUL, including use of the JUUL device on school grounds.

178. Defendant specifically acted as detailed in this Complaint with the specific intention to cause minors to use and become addicted to JUUL and/or carried out these actions with a flagrant indifference to the right of Plaintiff and with a subjective awareness that their conduct would result in bodily harm, including, but not limited to, addiction.

179. Defendant acted and/or failed to act willfully and with conscious and reckless

disregard for the life, health, safety, rights and interests of Plaintiff. Defendant's acts and omissions had a great probability of causing significant harm and in fact resulted in such harm.

180. But for Defendant's duties and breaches thereof, Plaintiff would not have been harmed as alleged in this Complaint.

181. As a consequence of each such intentional act, Plaintiff suffered direct and consequential economic injuries.

182. Defendant's willful misconduct was egregious, directed at the public generally, and involved a high degree of moral culpability.

**COUNT VI – STRICT PRODUCT LIABILITY
— FAILURE TO WARN**

183. Plaintiff incorporates by reference all preceding paragraphs.

184. Defendant designed, manufactured, marketed, distributed, and sold JUUL e-cigarettes and JUULpods, or has partnered to design, manufacture, market, distribute, and sell JUUL e-cigarettes and JUULpods.

185. At all times relevant, Defendant was well-aware of the dangers of vaping and nicotine use, including use of JUUL's products, as described herein.

186. At all times relevant, Plaintiff and students at Plaintiff's school were not aware of and would not have recognized the risks of using a JUUL e-cigarette with a JUULpod because Defendant intentionally downplayed, misrepresented, concealed, and failed to warn of the heightened risks to users' mental and physical health from use of Defendant's products, including high-levels of nicotine exposure and nicotine addiction.

187. In all forms of advertising, including but not limited to social media communications, Defendant failed to warn adequately or instruct foreseeable users, including youth and adolescent users, that JUUL products were unreasonably dangerous to them and created

a high level of risk of harm caused by vaping JUULpods, including but not limited to nicotine exposure and addiction. Defendant failed to warn adequately in their advertising or anywhere on the product that the product was not safe for minors and, instead, posed serious immediate and long-term health risks, and should not be used or consumed by them. Rather, Defendant intentionally marketed their products to minors in youth-friendly colors and flavors. Defendant also designed their products to be more palatable to youth and nonsmokers by making JUUL e-cigarettes easier to inhale while increasing the level of nicotine that is absorbed by users, making them even more addictive.

188. The defects in JUUL's products, including the lack of warnings or instructions, existed at the time the JUUL e-cigarettes and JUULpods were sold and/or when the JUUL e-cigarettes and JUULpods left JUUL's possession or control.

189. JUUL's e-cigarettes and JUULpods were anticipated to be used by youth, including students, without substantial change in their condition from the time of their manufacture or sale.

190. Plaintiff was harmed directly and proximately by Defendant's failure to warn. Such harm includes significant and ongoing nicotine abuse and addiction by students at Plaintiff's schools, which has necessitated and continues to necessitate significant steps to combat and mitigate use of Defendant's products by students. Use of Defendant's products by students at Plaintiff's schools frustrates Plaintiff's ability to achieve its educational goals and ensure the safety of Plaintiff's students which, again, has required and continues to require significant expenditures of Plaintiff's resources to address these conditions.

**COUNT VII – STRICT PRODUCT LIABILITY
—DESIGN DEFECT**

191. Plaintiff incorporates by reference all preceding paragraphs.

192. Defendant designed, engineered, developed, manufactured, fabricated, assembled,

equipped, tested or failed to test, inspected or failed to inspect, labeled, advertised, promoted, marketed, supplied, distributed, wholesaled, and sold the JUUL e-cigarettes and JUULpods, which were intended by Defendant to be used as a method of vaping nicotine and the other aerosolized constituents of JUUL's nicotine solution.

193. Defendant knew or, by the exercise of reasonable care, should have known that JUUL's products under ordinary use were harmful or injurious, particularly to youths and adolescents, including students at Plaintiff's schools.

194. As described herein, Defendant designed and marketed their products to appeal to nonsmokers, youths and adolescents and to encourage them to buy and use the product. Because JUUL products deliver significantly more nicotine into a user's bloodstream than combustible cigarettes and contain more nicotine than JUUL represents, thereby posing an unnecessary risk of addiction and other severe health consequences, they are inherently defective. In addition, because JUUL products are made to create and sustain addiction, including through a quicker and more potent delivery system than Defendant represented and compared to any other nicotine vaping product, they are unreasonably dangerous and defective in design. The risks inherent in the design of JUUL products outweigh significantly any benefits of such design, including any benefit as an alternative to smoking combustible cigarettes.

195. At all relevant times, Defendant could have employed reasonably feasible alternative designs to prevent the harms discussed herein.

196. At all relevant times, Plaintiff and Plaintiff's students were unaware of the design defects described herein. Further, Defendant knew or had reason to know that youths and adolescents, including students who Defendant told their products were "totally safe," would not fully realize the dangerous and addictive nature of JUUL products and the long-term complications

nicotine addiction can present, or that, due to their youth, inexperience and/or immaturity of judgment, would recklessly disregard such risks.

197. Plaintiff was harmed directly and proximately by Defendant's defectively designed JUUL e-cigarette and JUULpods. Such harm includes significant and ongoing nicotine abuse and addiction by students at Plaintiff's schools, which has necessitated and continues to necessitate significant steps to combat and prevent use of Defendant's products by students. Use of Defendant's products by students at Plaintiff's schools frustrates Plaintiff's ability to achieve its educational goals and ensure the safety of Plaintiff's students which, again, has required and continues to require significant expenditures of Plaintiff's resources to address these conditions.

COUNT VIII – UNJUST ENRICHMENT

198. Plaintiff incorporates by reference all preceding paragraphs.

199. As a result of Defendant's unlawful and deceptive actions described above, Defendant was enriched at the expense of Plaintiff.

200. Defendant JUUL retained the benefits under such circumstances as make the retention inequitable. Defendant's unlawful and deceptive acts were undertaken to gain market share and revenue through increased usage of JUUL's products by students.

201. It is against equity and good conscience to permit Defendant to retain the benefits they received as a result of their wrongful and continuing acts, practices and omissions.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff prays for judgment as follows:

1. Awarding Plaintiff compensatory damages, trebled, in an amount to be determined at trial;
2. Awarding Plaintiff punitive damages;

3. Ordering all appropriate equitable remedies, including but not limited to declaratory and injunctive relief;
4. Awarding Plaintiff attorneys' fees and costs;
5. Awarding prejudgment interest as permitted by law;
6. Affording Plaintiff with such further and other relief as deemed just and proper
7. Entering an Order that the Defendants are jointly and severally liable;
8. Entering an Order requiring the Defendants to abate the public nuisance described herein and to deter and/or prevent the resumption of such nuisance;
9. Enjoining Defendants from engaging in further actions causing or contributing to the public nuisance as described herein;
10. Awarding equitable relief to fund prevention education and addiction treatment; and
11. Awarding statutory damages in the maximum amount permitted by law.

DEMAND FOR JURY TRIAL

Plaintiff hereby demands a jury trial on all issues so triable.

RESPECTFULLY SUBMITTED,

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